

FINAL
PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT
FLORISSANT HIGHWAY BORROW PIT
FLORISSANT HIGHWAY
ST. BERNARD, ST. BERNARD PARISH, LOUISIANA

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1.0 EXECUTIVE SUMMARY

Aerostar Environmental Services, Inc. (AEROSTAR) conducted a Phase I Environmental Site Assessment (ESA) of the Florissant Highway Borrow Pit, located south of Florissant Highway, St. Bernard, St. Bernard Parish, Louisiana; hereafter referred to as the subject site. The purpose of this assessment was to identify recognized environmental conditions (RECs) associated with the subject site. A summary of the ESA findings is as follows:

- The subject site consists of an irregular-shaped parcel of land totaling approximately 15 acres located south of Florissant Highway, St. Bernard, St. Bernard Parish, Louisiana. Access to the subject site is available via a dirt driveway originating from Florissant Highway to the north. According to the St. Bernard Parish Assessor's (SBPA) office, the subject site is owned by Mr. Frederick Stahl and is identified by parcel identification number 789900000036.
- The subject site was vegetated and undeveloped pastureland on the day of the site inspection. There was no visual evidence to indicate that the property is currently used for any other purpose. During the site inspection, there was no visual evidence to suggest that hazardous materials were formerly or are currently being used, stored, or disposed of at the subject site. In addition, there was no evidence of stained soil, stressed vegetation, or other conditions of concern. During the site inspection, two abandoned RV trailers and one old truck were observed on the subject site during the site inspection. No evidence of leaks or spills were observed on the ground around the old truck. Stormwater discharges to and from the subject site were not observed at the time of the inspection. No utilities are currently provided to the subject site.
- The subject site is bordered by undeveloped pastureland, followed by Florissant Highway, to the north; a dilapidated former seafood building to the northeast; residential and wooded properties to the east; pastureland, followed by a drainage canal and a levee, to the south; and residential and undeveloped pastureland to the west.
- Based on our review of aerial photographs, historical topographic maps, property record cards, and interviews, the subject site and the adjacent properties have been mixed residential and undeveloped pastureland since at least 1951. None of the past uses of the subject site appear to have presented an environmental concern. None of the past uses of the parcels adjoining the subject site appear likely to indicate recognized environmental conditions in connection with the adjoining parcels or the subject site.
- Sanborn Fire Insurance Maps did not provide coverage for the subject site or vicinity.
- AEROSTAR interviewed Mr. Cary Delegos, subject site owner representative, concerning the past and present land uses of the subject site. According to Mr. Delegos, the subject site is currently owned by Mr. Claude Riche. Mr. Delegos stated that Mr. Riche was planning on using the subject site as a mobile home community; however, development activities have not begun. Mr. Delegos stated that the subject site was previously owned by Mr. Stahl. According to Mr. Delegos, Mr. Stahl had utilized the subject site as cattle grazing pastureland for at least 40 years. Mr. Delegos has no knowledge of any past or present structures or wells on the site. He also stated that there have been no aboveground storage tanks (ASTs) or underground storage tanks (USTs) on the subject site. Mr.

Delegos is not aware of any environmental liens or activity restrictions, or other issues of environmental concern at the subject site.

- Federal, state, and local environmental agency data was reviewed to determine if the potential for recognized environmental conditions exists at or in the vicinity of the site. An environmental database report was prepared by Environmental Data Resources (EDR). No NPL, delisted NPL, CERCLIS, CERCLIS-NFRAP, CORRACTS-TSD, non-CORRACTS TSD, RCRA-GEN, Federal institutional/engineering control registries, ERNS, state-equivalent NPL, state-equivalent CERCLIS, state landfill or solid waste disposal, state oil and gas wells, LUST, VCP or Brownfield facilities were identified within the ASTM-specified search radii for the subject site. One UST facility was identified approximately 600 feet west of the subject site. Based on the information gathered, this UST facility is not suspected of negatively impacting the subject site at this time.

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527, of the Florissant Highway Borrow Pit, Florissant Highway, St. Bernard, Louisiana. Any exceptions to, or deletions from, this practice are described in Section 2.0 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject site.

The remainder of this report is organized as follows: Section 2 describes the scope of work and for this report; Section 3 presents a site description; Section 4 presents user provided information; Section 5 presents a records review; Section 6 presents a summary of the site reconnaissance; Section 7 presents a summary of interviews; Section 8 presents a summary of our findings and conclusions; Section 9 presents any deviations from the ASTM standard; Section 10 provides additional services conducted as part of this Phase I ESA; Section 11 presents the references; Section 12 presents the signatures of environmental professionals preparing and reviewing the report; and Section 13 presents the qualifications of the environmental professionals participating in this Phase I ESA. Figures are included in Appendix A. The property record cards and additional information are included in Appendix B. Site photographs are included in Appendix C. Pertinent results of a computerized regulatory agency database search are included in Appendix D. Aerial photographs are included in Appendix E. Interview documentation is included in Appendix F. A list of references is included in Appendix G. The qualifications and resumes of the environmental professionals performing this investigation are included in Appendix H.

2.0 INTRODUCTION

2.1 Purpose

The primary purpose of this assessment was to conduct an investigation of the subject site and surrounding properties to identify recognized environmental conditions associated with the past or present uses of the subject site and neighboring properties. The term “recognized environmental conditions” means the presence or likely presence of any hazardous substances or petroleum products under conditions that indicate an existing release, past release, or a material threat of a release that could impact the property. This environmental assessment was conducted following the ASTM E 1527-05, “Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.” This assessment was also intended to identify potential off-site contaminant sources within the distances set forth in ASTM E 1527-05 guidelines. The accuracy, correctness, and completeness of the environmental assessment is provided with the knowledge of the Comprehensive Response Compensation and Liability Act as set forth in 42 U.S.C. Section 9601 et seq., as amended (“CERCLA”).

Methodology utilized to complete this assessment followed good commercial and customary practice with a goal to identify recognized environmental conditions that would be subject to an enforcement action if brought to the attention of appropriate government agencies.

2.2 Scope of Work

The Phase I ESA was conducted in accordance with ASTM Standard E 1527-05, "Standard of Practice for Phase I Environmental Site Assessments: Phase I Environmental Site Assessment Process." The assessment consisted of four tasks: review background information; conduct a property assessment; interview key site personnel and local government officials; and prepare the Phase I ESA report documenting the findings with appropriate recommendations. Specifically, AEROSTAR's environmental site assessment consisted of the following steps:

- Visited the subject site and grounds, made observations, obtained photographic documentation of the site, and interviewed key personnel. The interviews and site inspection were conducted to identify past or current materials handling and operating practices that could result in environmental liabilities or compliance responsibilities under various state and federal environmental statutes.
- Performed a review of readily available aerial photographs, city directories, and Sanborn Fire Insurance Maps to identify past uses of the site.
- Performed a review of state and federal environmental agency databases to identify potential off-site environmental concerns.
- Conducted file reviews at the local regulatory department and/or the Louisiana Department of Environmental Quality (LDEQ), as necessary.
- Reviewed operations, chemical handling, waste management systems, and prior waste handling practices at the subject parcel. Discussed with facility occupants and/or property owners any

complaints, legal proceedings, and violations in which the property may have been involved, as well as specific environmental management policies and communications with regulatory agencies.

The scope of work does not include an evaluation of asbestos-containing building materials, lead based paint, lead in drinking water, regulatory compliance, soil or groundwater sampling and analysis, cultural and historical resources, industrial hygiene, health and safety, ecological resources, indoor air quality, radon, site geotechnics (soils, foundations, site retention, etc.), wetlands, endangered species, or construction materials testing. AEROSTAR can provide these additional services, if requested.

2.3 Limitations

AEROSTAR has prepared this assessment for the Department of the Army, New Orleans District, Corps of Engineers, hereafter, referred to as the Client. AEROSTAR's assessment represents a review of certain information relating to the subject site that was obtained by methods described above and does not include sampling or other monitoring activities at the property. While AEROSTAR has used reasonable care to avoid reliance upon data and information that is inaccurate, AEROSTAR is not able to verify the accuracy or completeness of all data and information available during the investigation. Some of the conclusions in this report would be different if the information upon which they are based is determined to be false, inaccurate or incomplete.

AEROSTAR makes no legal representations whatsoever concerning any matter including, but not limited to, ownership of any property or the interpretation of any law. AEROSTAR further disclaims any obligations to update the report for events taking place after the time during which the assessment was conducted.

This report is not a comprehensive site characterization and should not be construed as such. The opinions presented in this report are based upon the findings derived from a site reconnaissance, a limited review of specified regulatory records and historical sources, and comments made by the interviewees.

Phase I ESAs, by their very nature, are limited. AEROSTAR has endeavored to meet what it believes is the applicable standard of care, and, in doing so, is obliged to advise the Client of Phase I ESA limitations. AEROSTAR believes that providing information about limitations is essential to help the Client identify and thereby manage its risks. Through additional research, these risks can be mitigated - but they cannot be eliminated. AEROSTAR will, upon request, advise the Client of the additional research opportunities available, their impact, and their cost.

As noted above, the Phase I ESA was conducted at the referenced subject site, and this report was prepared for the use solely by the Client. This report shall not be relied upon by or transferred to any other party without the express written authorization of AEROSTAR.

Along with all of the limitations set forth in various sections of the ASTM Standard E 1527-05 protocol, the accuracy and completeness of this report is necessarily limited by the following:

- **Historical Data Source Failures.** Aerial photographs were not available for review prior to 1967. Sanborn Fire Insurance Maps did not provide coverage for the vicinity of the subject site. The subject site was not listed in the City Directories for New Orleans Suburban Area. City directories for the New Orleans Suburban Area did not provide coverage for the subject site or the vicinity. The historical records researched did not allow the property's history to be traced back to 1940 or to the

property's obvious first developed use, whichever came first, which constitutes historical data failure per ASTM Standard E 1527-05 § 8.3.2.3.

- Physical limitations: While a thorough ground reconnaissance was conducted where possible, heavy vegetative ground cover prevented a complete visual inspection of the entire subject site.

2.4 Special Terms and Conditions

This report, and the information contained herein, shall be the sole property of AEROSTAR until payment of any unpaid balance is made in full. The Client agrees that until payment is made in full, the Client shall not have a proprietary interest in this report or the information contained herein. AEROSTAR shall have the absolute right to request the return of any and all copies of this report submitted to other parties, public or private, on behalf of the Client in the event of nonpayment of outstanding fees by the client pursuant to AEROSTAR's proposal.

2.5 User Reliance

This report is intended for the sole use of the Department of the Army, New Orleans District, Corps of Engineers. Its contents may not be relied upon by other parties without the explicit written consent of AEROSTAR. This is not a statement of suitability of the property for any use or purpose.

3.0

SITE DESCRIPTION

3.1 Location and Legal Description

The subject site is located south of Florissant Highway, St. Bernard, Louisiana, as presented in Figure 1 (Street Site Location Map). The subject site is located within Section 96, Township 14 South, Range 14 East, as referenced in the "Delacroix, Louisiana" United States Geological Survey (USGS) topographic quadrangle map, presented in Figure 2 (Topographic Site Location Map). Please also refer to the Site Plans presented in Figures 3, Appendix A, and to the property information for the subject site in Appendix B. The property information was obtained by AEROSTAR at the SBPA office.

3.2 Subject Site and Vicinity General Characteristics

At the time of our investigation, the subject site was thickly vegetated and undeveloped pastureland. The surrounding parcels were residential and wooded properties. Please refer to the Street Site Location Map in Figure 1, the Topographic Site Location Map in Figure 2, and the Site Map in Figure 3 for additional details.

3.3 Current Use of the Subject Site

On October 4, 2006, an AEROSTAR environmental auditing specialist surveyed the site grounds and adjacent properties. Local geologic and hydrogeologic conditions of the subject site and surrounding areas were observed and documented. The site was investigated for signs of adverse environmental impacts such as stressed vegetation or stained soils. All phases of the site inspection were documented. A detailed site inspection and comprehensive visual inspection was conducted by walking the perimeter and interior of the subject site to document the presence of potential environmental concerns which may include on-going contamination, situations which could rise to contamination, or conditions or practices which would be in violation of Federal, State and Local laws and regulations.

The subject site is currently undeveloped pastureland. There was no visual evidence to indicate that the properties are currently used for any other purpose. During the site inspection, there was no visual evidence to suggest that hazardous materials were formerly or are currently being used, stored, or disposed of at the subject site. In addition, there was no evidence of stained soil, stressed vegetation, or other conditions of concern. Stormwater discharges to and from the subject site were not observed at the time of the inspection.

Photographic documentation of the site inspection is provided in Appendix C.

3.4 Structures, Roads, and Other Improvements on the Subject Site

At the time of our site investigation, there were no improvements or roads at the subject site. Access to the subject site is available via a dirt driveway originating from Florissant Highway to the north. No utilities were provided to the subject site.

3.5 Current Use of Adjoining Properties

Development of land in the vicinity of the subject site was noted to help identify potential sources of hazardous waste generation and/or facilities involved in the handling or transportation of hazardous materials.

Currently, the parcels adjoining the subject site are used as follows:

Table 1 Description of Adjoining Parcels		
Direction From Subject Property	Address	Description of Current Use
North	Not available	Pastureland, followed by Florissant Highway
Northeast	Not available	Dilapidated seafood processing building
East	Not available	Wooded, undeveloped properties
South	Not available	Pastureland, followed by a drainage canal and levee
West	302 Florissant Highway	Residential pastureland

None of the current uses of the adjoining properties appear likely to indicate the presence of recognized environmental conditions. A Site Map showing adjacent properties is included in Figure 3.

4.0 USER PROVIDED INFORMATION

4.1 Title Records

A historical Chain-of-Title Report was not provided to AEROSTAR by the client. According to the SBPA office, the subject site parcel is owned by Mr. Frederick Stahl. Copies of the property information records are provided in Appendix B.

4.2 Environmental Liens or Activity and Use Limitations

According to Mr. Cary Delegos, owner representative, there are no environmental liens or activity and use limitations on the subject site.

4.3 Specialized Knowledge

The Client did not provide information to AEROSTAR with respect to any specialized knowledge or experience that may pertain to recognized environmental conditions in connection to the subject site.

4.4 Valuation Reduction for Environmental Issues

According to information obtained by AEROSTAR from the SBPA office, the assessed value of the subject parcel is \$13,280.00.

4.5 Owner, Property Manager, and Occupant Information

According to the SBPA office, the subject site is owned by Mr. Frederick Stahl. The subject site is currently unoccupied. No information was provided to AEROSTAR by the property owner or manager that would require additional investigations to be undertaken at the subject site.

4.6 Other

The Client did not provide AEROSTAR with any other information pertaining to the subject property, including information from previous assessments.

5.0 RECORDS REVIEW

5.1 Standard Environmental Record Sources

As a part of this assessment, we reviewed information sources to obtain existing information pertaining to a release of hazardous substances or petroleum products on or near the subject site. AEROSTAR obtained an ASTM regulatory database search through EDR. A copy of the EDR report is contained in Appendix D. AEROSTAR also reviewed other available standard environmental record sources available at the LDEQ, as needed. The following state and federal sources were consulted during this record review:

TABLE 2	
Minimum Search Distances - ASTM E1527-05	
SOURCE	SEARCH DISTANCE
Federal NPL Site List (National Priorities List)	1.0 mile
Federal delisted NPL Site List	0.5 mile
Federal CERCLIS List (Comprehensive Environmental Response Compensation and Liability Act of 1980)	0.5 mile
Federal CERCLIS NFRAP Site List	0.5 mile
Federal RCRA CORRACTS TSD Facilities (Resource Conservation and Recovery Act)	1.0 mile
Federal RCRA Non-CORRACTS TSD Facilities	0.5 mile
Federal RCRA Generators Lists (RCRA-GEN)	Subject site and adjoining parcels
Federal institutional/engineering control registries	Subject site and adjoining parcels
Federal ERNS List (Emergency Response Notification System)	Subject site only
State and Tribal Equivalent NPL Lists	1.0 mile
State and Tribal Equivalent CERCLIS	0.5 mile
State and Tribal Landfill and/or Solid Waste Disposal Site Lists	0.5 mile
State and Tribal leaking storage tank lists (LAST/LUST)	0.5 mile
State and Tribal registered storage tank lists (AST/UST)	Subject site and adjoining parcels
State and Tribal institutional/engineering control registries	Subject site only
State and Tribal voluntary cleanup program (VCP) sites	0.5 mile
State and Tribal Brownfield sites	0.5 mile

Environmental agency information was not found concerning the subject site or the vicinity through the database search and regulatory file review conducted as part of this investigation. Federal, state, and local environmental agency data was reviewed to determine if the potential for recognized environmental conditions exists at or in the vicinity of the site. No NPL, delisted NPL, CERCLIS, CERCLIS-NFRAP, CORRACTS-

TSD, non-CORRACTS TSD, RCRA-GEN, Federal institutional/engineering control registries, ERNS, state-equivalent NPL, state-equivalent CERCLIS, state landfill or solid waste disposal, state oil and gas wells, LUST, VCP or Brownfield facilities were identified within the ASTM-specified search radii for the subject site. One UST facility was identified approximately 600 feet west of the subject site. According to LDEQ records, this facility has not had a release. An LDEQ inspection conducted after Hurricane Katrina indicated that the facility was completely destroyed; however, the USTs did not appear to have been damaged. LDEQ reported no evidence of leaks or spills from the USTs at the facility. Based on the information gathered, this UST facility is not suspected of negatively impacting the subject site at this time. Louisiana Inactive and Abandoned Sites List is referenced as the Potential and Confirmed Sites List in the EDR database report. No sites were observed within the one-mile search radius for the subject site.

In addition to reviewing the database report, AEROSTAR performed reconnaissance of the subject site vicinity to identify any sites not mapped by EDR due to inadequate or inaccurate address information and to look for unregistered facilities. No additional petroleum fueling facilities were observed within a half mile of the subject site during field reconnaissance performed by AEROSTAR.

5.2 Additional Environmental Record Sources

No additional environmental record sources were reviewed as part of this assessment.

5.3 Physical Setting Sources

The Delacroix, Louisiana USGS topographic quadrangle maps; the St. Bernard Parish Soil Survey, dated 1989 and regulatory files available regarding properties of environmental concern in the subject site vicinity were reviewed as sources for obtaining information regarding the physical setting of the subject site and surrounding vicinity.

5.3.1 Regional Geology

St. Bernard Parish located in southeastern Louisiana is approximately 1.3 million acres in size of which 326,400 acres is land and 966,410 acres is large water areas. This parish is mostly rural and is within the broad, coastal marshes of the Gulf of Mexico. St. Bernard Parish is entirely within the Mississippi River Delta. Firm, loamy and clayey soils dominate the natural levees of the Mississippi River and its distributaries. These soils make up about one-tenth of the total land area of the parish and are developed almost entirely for urban uses. An extensive system of man-made levees protects the soils from flooding. The remaining nine-tenths of the land area of the parish consists mainly of ponded and frequently flooded, mucky and clayey soils in marshes and swamps.

5.3.2 Topography

The area of the investigation is located in Section 96, Township 14 South, Range 14 East, as referenced in the 7.5-minute USGS Topographical Quadrangle Map of "Delacroix, Louisiana." Based on a review of the topographic maps, the subject site appears to have little topographic relief. According to the topographic map, the elevation at the subject site is approximately five feet above the National Geodetic Vertical Datum (NGVD) of 1929.

Surface water bodies were identified on the topographic map in the vicinity of the subject site. A small drainage canal is located approximately 100 feet south of the subject site. Based upon a review of the topographic map, regional shallow groundwater flow in the immediate vicinity of the subject site appears to be towards the south. Actual groundwater flow in the vicinity of the subject property may be locally influenced by seasonal rainfall, proximity to surface bodies of water (lakes, rivers, canals), tidal fluctuations, surface topography, underground structures, soil and bedrock geology, production wells and other factors beyond the scope of this study.

5.3.3 Soils/Geology

The United States Department of Agriculture Soil Conservation Service Soil Survey of St. Bernard Parish, Map No. 43 was reviewed to identify native soil characteristics in the vicinity of the subject site. According to the survey, the soils in the subject site area are primarily classified as Commerce silty clay loam and Sharkey silty clay loam.

Commerce silty clay loam is a level and somewhat poorly drained soil in intermediate positions on natural levees of the Mississippi River and its distributaries. Slope is less than one percent. Typically, the surface layer is dark grayish brown silty clay loam about 12 inches thick. The subsoil and underlying material to a depth of about 60 inches are grayish brown silty clay loam in the upper part and gray silty clay loam. This soil has high fertility, moderate permeability, and slow surface run off. Adequate water is available to plants in most years. A seasonal high water table fluctuates between depths of 1.5 and 4 feet during the winter and spring. The surface layer is very hard when dry and very sticky when wet. This soil has a moderate shrink-swell potential.

Sharkey silty clay loam is a level, poorly drained, and firm mineral soil located in low positions on natural levees of the Mississippi and its tributaries. Slope is less than one percent. The surface layer is typically dark gray and dark grayish brown clay about 8 inches thick. The upper part of the subsoil is gray clay and the lower part is dark gray clay. The underlying material is dark olive gray clay to a depth of 60 inches. This soil has high fertility, slow permeability, and slow surface run off. Adequate water is available to plants in most years. A seasonal high water table fluctuates between the soil surface and a depth of about two feet during the winter and spring. The surface layer is very hard when dry and very sticky when wet. This soil has a very high shrink-swell potential.

5.3.4 Hydrogeology

St. Bernard Parish has a very limited supply of fresh water. Groundwater is produced from three aquifers in St. Bernard Parish. The major aquifers are the St. Bernard Delta 200-foot sand aquifer, the 700-foot sand aquifer, and the 1,200-foot sand aquifer. Due to saltwater intrusion, the parish contains little or no potable water except for occasional lenses of freshwater floating on saltwater. The hydrologic regime of St. Bernard Parish involves the movement of freshwater and saltwater masses through the region as a result of interaction between the Mississippi River discharge, regional precipitation, winds, and tides. The current hydrologic system is influenced by both natural and manmade factors. The basic natural hydrologic system is based on the pattern of major abandoned distributary channels of the ancient Mississippi River delta complex and interdisciplinary basin channels which serve to drain swamps and marshes into estuarine lakes, bays, and sounds.

5.4 Historical Use Information on the Property

Based on our review of aerial photographs, historical topographic maps, property record cards, and interviews, the subject site has been undeveloped farmland since at least 1951. None of the past uses of the subject site appear to have presented an environmental concern.

5.4.1 Aerial Photograph Review

To evaluate the previous land uses of the subject property and surrounding area, a series of aerial photographs was reviewed. The aerial photographs provide a progressive overview of parcels pertaining to this assessment.

AEROSTAR reviewed aerial photographs from 1967 to 2005, available from the Natural Resource Conservation Service (NCRS) office, Microsoft Terraserver, and the Louisiana Coast website. Reproductions of the aerial photographs from 1967, 1983, 1985, 1994, 1998, 2001, and 2005, depicting the approximate property boundaries, are included in Appendix E. Descriptions of AEROSTAR's observations are outlined in Table 3.

TABLE 3 Summary of Aerial Photograph Observations			
Photograph Number	Photograph Date	Photograph Scale	Remarks
NRCS	1967	NA	The subject site appear to be sparsely wooded, undeveloped pastureland. Residential-type structures are visible to the north, northeast, and west of the subject site.
NRCS	1983	NA	No significant changes appear to have occurred at the subject site or the adjacent properties since the 1967 aerial photograph, except additional residential-type structures are visible to the north of the subject site.
NRCS	1985	NA	No significant changes appear to have occurred at the subject site or the adjacent properties since the 1983 aerial photograph.
NRCS	1994	NA	No significant changes appear to have occurred at the subject site or the adjacent properties since the 1985 aerial photograph, except a irregular-shaped structure appearing commercial in nature is visible to the northeast of the subject.
Microsoft Terraserver	1998	NA	No significant changes appear to have occurred at the subject site or the adjacent properties since the 1994 aerial photograph, except the a drainage canal and levee are visible to the south of the subject site.
LA Coast website	2001	NA	No significant changes appear to have occurred at the subject site or the adjacent properties since the 1998 aerial photograph.

TABLE 3 Summary of Aerial Photograph Observations			
Photograph Number	Photograph Date	Photograph Scale	Remarks
LA Coast website	2005	NA	No significant changes appear to have occurred at the subject site or the adjacent properties since the 2001 aerial photograph, except residential structures to the north of the subject site are no longer visible.

5.4.2 Property Ownership Records

A chain of title report was not provided to AEROSTAR by the client. According to the St. Bernard Parish Assessor's office, the subject site parcels are owned by Mr. Frederick Stahl. Copies of the property information records are provided in Appendix B.

5.4.3 Sanborn Fire Insurance Map Review

Sanborn Fire Insurance Maps did not provide coverage for the subject site or vicinity.

5.4.4 City Directory Review

Historical city directories for the New Orleans Suburban Area were reviewed as part of this investigation. The subject site was not listed in the city directories reviewed. City directories for the New Orleans Suburban Area did not provide coverage for the subject site vicinity.

5.4.5 Land Use Records

According to information obtained by AEROSTAR from the SBPA office, the subject site is currently zoned agricultural land, suburban land, and brackish marshland.

5.4.6 Other Historical Sources

A review of the USGS historical topographic quadrangle maps of "Delacroix, Louisiana" from 1951, 1967, 1972, 1979, 1983, and 1994 were reviewed as part of this investigation and are summarized below.

1951 Topographic Map

The subject site is shown to be undeveloped. The adjoining properties are shown to be mixed residential and undeveloped properties. A road is shown north of the subject site.

1967 Topographic Map

No significant changes appear to have occurred at the subject site or the adjacent properties since the 1951 topographic map, except for additional residential structures visible to the north and east of the subject site.

1972 Topographic Map

No significant changes appear to have occurred at the subject site or the adjacent properties since the 1967 topographic map.

1979 Topographic Map

No significant changes appear to have occurred at the subject site or the adjacent properties since the 1972 topographic map.

1983 Topographic Map

No significant changes appear to have occurred at the subject site or the adjacent properties since the 1979 topographic map.

1994 Topographic Map

No significant changes appear to have occurred at the subject site or the adjacent properties since the 1983 topographic map, except an irregularly-shaped structure is visible northeast of the subject site.

5.5 Historical Use Information on Adjoining Parcels

According to a review of aerial photographs and historical topographic maps, the adjacent properties have been predominantly residential and undeveloped pastureland since at least 1951. None of the past uses of the parcels adjoining the subject site appear likely to indicate recognized environmental conditions in connection with the adjoining parcels or the subject site.

6.0 SITE RECONNAISSANCE

6.1 Methodology and Limiting Conditions

On October 4, 2006, a site reconnaissance was completed by Ms. Thalys Rattanaray, Project Engineer, and Ms. Shawna Chandler, Project Manager. The purpose of the site visit was to investigate the current conditions of the subject site and to obtain information indicating the likelihood of identifying recognized environmental conditions in connection with the subject site. This visual inspection of the property focused primarily on its surface features. Property use and significant features are indicated on the Site Plan contained in Figure 3.

While a thorough ground reconnaissance was conducted where possible, heavy vegetative ground cover prevented a complete visual inspection of the entire subject site.

Photographic documentation of the site inspection is provided in Appendix C.

6.2 General Site Setting

The subject site is located within a primarily residential area in the central portion of St. Bernard Parish south of Lake Borgne. The subject site and surrounding properties appear to have little topographic relief.

6.3 Exterior Observations

During the site reconnaissance, accessible areas of the periphery and interior of the subject site were viewed. The subject site appeared to be thickly vegetated, undeveloped property on the day of our site reconnaissance. Stormwater discharges to and from the subject site were not observed at the time of the inspection.

6.3.1 Hazardous Substances

No evidence of the use, storage, or disposal of hazardous substances or hazardous substance containers was observed on the subject site at the time of site inspection.

6.3.2 Storage Tanks

No evidence of petroleum underground or aboveground storage tanks, including vent pipes, was observed on the subject site at the time of the inspection.

6.3.3 Indications of PCBs

No evidence of PCB-containing equipment was observed at the subject site during the site inspection.

6.3.4 Pits, Ponds, or Lagoons

No pits, ponds, or lagoons were noted at the subject site during the site inspection.

6.3.5 Stained Soil or Pavement

No stained soil was observed at the site during the site inspection.

6.3.6 Stressed Vegetation

No stressed vegetation was noted during the site inspection.

6.3.7 Solid Waste

No indication of solid waste disposal or suspect fill material was noted during the site inspection. Two abandoned RV trailers and one old truck were observed on the subject site during the site inspection. No evidence of leaks or spills were observed on the ground around the old truck.

6.3.8 Other Conditions of Concern

No other concerns were noted at the subject site during the site inspection. No obvious pungent or noxious odors were noted during the site inspection.

6.4 Interior Observations

No structures were observed on the subject site.

6.4.1 Hazardous Substances

No structures were observed on the subject site.

6.4.2 Storage Tanks

No structures were observed on the subject site.

6.4.3 Indications of PCBs

No structures were observed on the subject site.

7.0 INTERVIEWS

Interviews were conducted, either in person or by telephone, with individuals that provided information regarding issues which could have an adverse effect on the environmental status of the subject site. The interviewing process is most extensively used when additional information is needed to determine the details associated with an area of environmental concern (i.e., land use history, occurrence of hazardous waste spills or emergencies, etc.). Copies of interview documentation are included as Appendix F.

Interviews were conducted during this site investigation with Mr. Cary Delegos, subject site owner representative; and Chief Leon Lea, St. Bernard Parish Fire Department.

7.1 Interview With Site Owner

AEROSTAR interviewed Mr. Cary Delegos, subject site owner representative, concerning the past and present land uses of the subject site. According to Mr. Delegos, the subject site is currently owned by Mr. Claude Riche. Mr. Delegos stated that Mr. Riche was planning on using the subject site as a mobile home community; however, development activities have not begun. Mr. Delegos stated that the subject site was previously owned by Mr. Stahl. According to Mr. Delegos, Mr. Stahl utilized the subject site as cattle grazing pastureland for at least 40 years. Mr. Delegos has no knowledge of any past or present structures or wells on the site. He also stated that there have been no ASTs or USTs on the subject site. Mr. Delegos is not aware of any environmental liens or activity restrictions, or other issues of environmental concern at the subject site.

7.2 Interview With Site Manager

Please refer to Section 7.1.

7.3 Interview With Occupants

The subject site is unoccupied.

7.4 Interview with Local Government Officials

AEROSTAR interviewed Chief Leon Lea, St. Bernard Parish Fire Department, concerning hazardous material-related responses to the subject site or the surrounding properties. Chief Lea stated that, according to a review of departmental records, there has not been any hazardous material related incidences to the subject site or vicinity.

7.5 Interview With Others

No interviews were conducted with others.

8.0 FINDINGS AND CONCLUSIONS

AEROSTAR conducted a Phase I ESA of the Florissant Highway Borrow Pit, located south of Florissant Highway, St. Bernard, St. Bernard Parish, Louisiana, the subject site. The purpose of this assessment was to identify RECs associated with the subject site. A summary of the ESA findings is as follows:

- The subject site consists of an irregular-shaped parcel of land totaling approximately 15 acres located south of Florissant Highway, St. Bernard, St. Bernard Parish, Louisiana. Access to the subject site is available via a dirt driveway originating from Florissant Highway to the north. According to the SBPA office, the subject site is owned by Mr. Frederick Stahl and is identified by parcel identification number 789900000036.
- The subject site was vegetated and undeveloped pastureland on the day of the site inspection. There was no visual evidence to indicate that the property is currently used for any other purpose. During the site inspection, there was no visual evidence to suggest that hazardous materials were formerly or are currently being used, stored, or disposed of at the subject site. In addition, there was no evidence of stained soil, stressed vegetation, or other conditions of concern. During the site inspection, two abandoned RV trailers and one old truck were observed on the subject site during the site inspection. No evidence of leaks or spills were observed on the ground around the old truck. Stormwater discharges to and from the subject site were not observed at the time of the inspection. No utilities are currently provided to the subject site.
- The subject site is bordered by undeveloped pastureland, followed by Florissant Highway, to the north; a dilapidated former seafood processing building to the northeast; residential and wooded properties to the east; pastureland, followed by a drainage canal and a levee, to the south; and residential and undeveloped pastureland to the west.
- Based on our review of aerial photographs, historical topographic maps, property record cards, and interviews, the subject site and the adjacent properties have been mixed residential and undeveloped pastureland since at least 1951. None of the past uses of the subject site appear to have presented an environmental concern. None of the past uses of the parcels adjoining the subject site appear likely to indicate recognized environmental conditions in connection with the adjoining parcels or the subject site.
- Sanborn Fire Insurance Maps did not provide coverage for the subject site or vicinity.
- AEROSTAR interviewed Mr. Cary Delegos, subject site owner representative, concerning the past and present land uses of the subject site. According to Mr. Delegos, the subject site is currently owned by Mr. Claude Riche. Mr. Delegos stated that Mr. Riche was planning on using the subject site as a mobile home community; however, development activities have not begun. Mr. Delegos stated that the subject site was previously owned by Mr. Stahl. According to Mr. Delegos, Mr. Stahl utilized the subject site as cattle grazing pastureland for at least 40 years. Mr. Delegos has no knowledge of any past or present structures or wells on the site. He also stated that there have been no ASTs or USTs on the subject site. Mr. Delegos is not aware of any environmental liens or activity restrictions, or other issues of environmental concern at the subject site.

- Federal, state, and local environmental agency data was reviewed to determine if the potential for recognized environmental conditions exists at or in the vicinity of the site. An environmental database report was prepared by EDR. No NPL, delisted NPL, CERCLIS, CERCLIS-NFRAP, CORRACTS-TSD, non-CORRACTS TSD, RCRA-GEN, Federal institutional/engineering control registries, ERNS, state-equivalent NPL, state-equivalent CERCLIS, state landfill or solid waste disposal, state oil and gas wells, LUST, VCP or Brownfield facilities were identified within the ASTM-specified search radii for the subject site. One UST facility was identified approximately 600 feet west of the subject site. Based on the information gathered, this UST facility is not suspected of negatively impacting the subject site at this time.

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527, of the Florissant Highway Borrow Pit, Florissant Highway, St. Bernard, Louisiana. Any exceptions to, or deletions from, this practice are described in Section 2.0 of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject site.

9.0 DEVIATIONS

AEROSTAR prepared this Phase I ESA in accordance with ASTM E 1527-05.

10.0 ADDITIONAL SERVICES

Under the terms of the agreement between the Department of the Army, New Orleans District, Corps of Engineers, and AEROSTAR, no additional services were provided in association with the Phase I ESA. There may be environmental issues or conditions at a site that the Client may wish to assess in connection with commercial real estate that are outside the scope of this practice (the non-scope considerations). No implication is intended as to the relative importance of inquiry into such non-scope considerations, and this list of non-scope considerations is not intended to be all inclusive: asbestos-containing materials; radon; lead-based paint; lead in drinking water; wetlands; regulatory compliance; cultural and historical resources; industrial hygiene; health and safety; ecological resources; endangered species; indoor air quality; and high voltage powerlines.

11.0 REFERENCES

References reviewed during the Phase I ESA are documented in Appendix G.

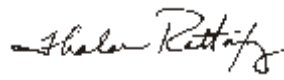
12.0

SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

This is to certify the Phase I ESA Report for the **Florissant Highway Borrow Pit, located south of Florissant Highway, St. Bernard, St. Bernard Parish, Louisiana**, has been examined by the undersigned.

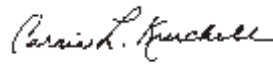
DATE: November 8, 2006

SIGNATURE: _____


Thalass Rattanaray
Project Engineer

DATE: November 8, 2006

SIGNATURE: _____


Carrie L. Kruchell, P.G.
Senior Project Manager

13.0

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

This assessment was completed by Thalass Rattanaray, Project Engineer, and reviewed by Carrie L. Kruchell, P.G. and Tiffany Whitson, Senior Project Manager, all employees of AEROSTAR. We declare that, to the best of our professional knowledge, we meet the definition of environmental professional as defined in § 312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess the property of a nature, history, and setting of the subject site. We have developed and performed the all appropriate inquiries in conformance with the standards set forth on 40 CFR Part 312. Qualifications of personnel participating in this assessment are provided in Appendix H.

APPENDICES

APPENDIX A

FIGURES



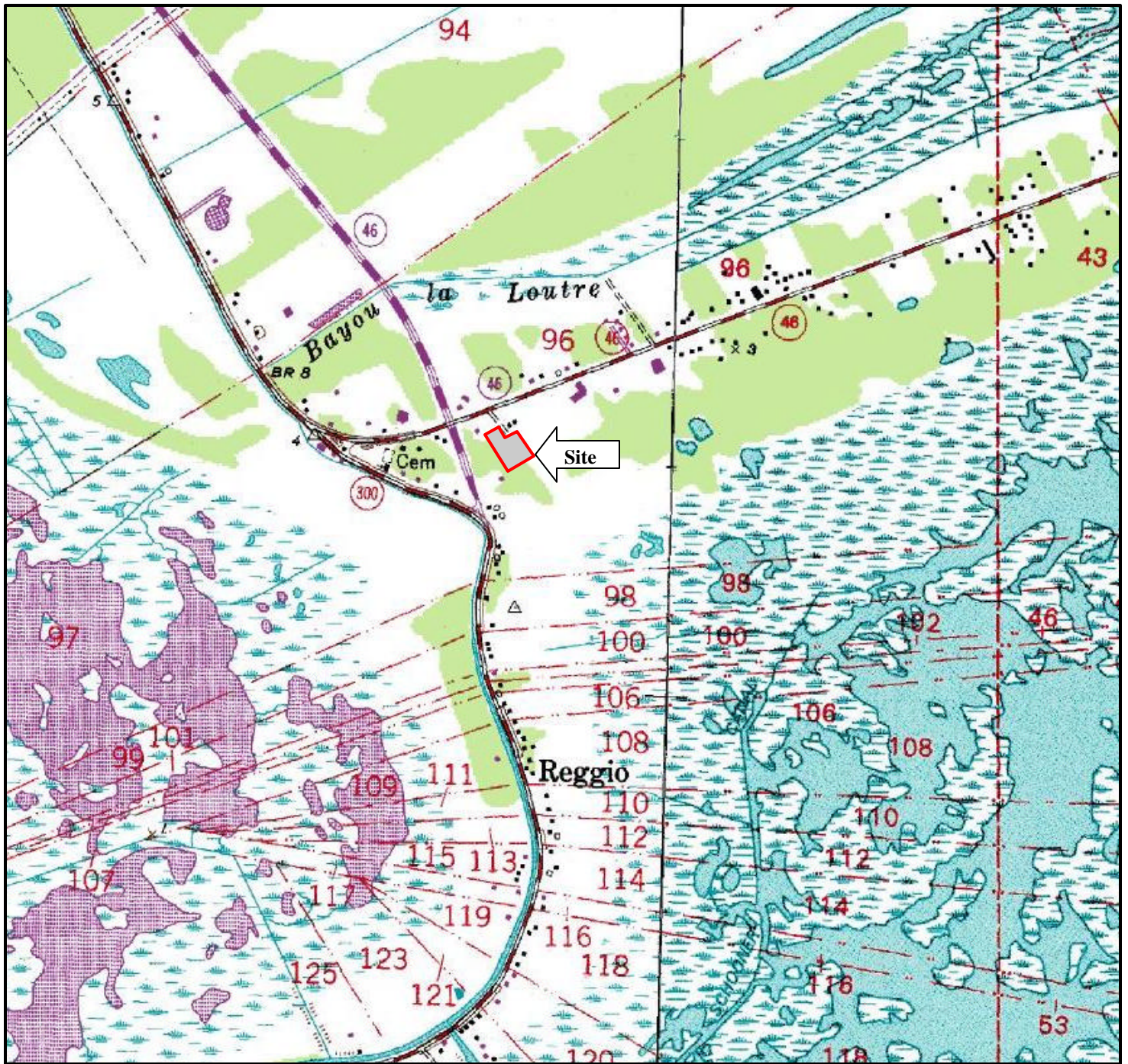
FIGURE - 1 STREET SITE LOCATION MAP



FLORISSANT HIGHWAY BORROW PIT
FLORISSANT HIGHWAY
ST. BERNARD, ST. BERNARD PARISH,
LOUISIANA

DRAWN BY: TR

REFERENCE: MAP OF
ST. BERNARD, LA
PREPARED BY: THE
MICROSOFT CORP.



DELACROIX, LOUISIANA
QUADRANGLE

7.5 MINUTE SERIES
(TOPOGRAPHIC)

CONTOUR INTERVAL 5 FEET

ISSUED 1994

FIGURE 2 - TOPOGRAPHIC SITE LOCATION MAP



FLORISSANT HIGHWAY BORROW PIT
FLORISSANT HIGHWAY
ST. BERNARD, ST. BERNARD PARISH,
LOUISIANA

DRAWN BY: TR

REFERENCE: MAP OF
ST. BERNARD, LOUISIANA
PREPARED BY: U. S.
GEOLOGICAL SURVEY

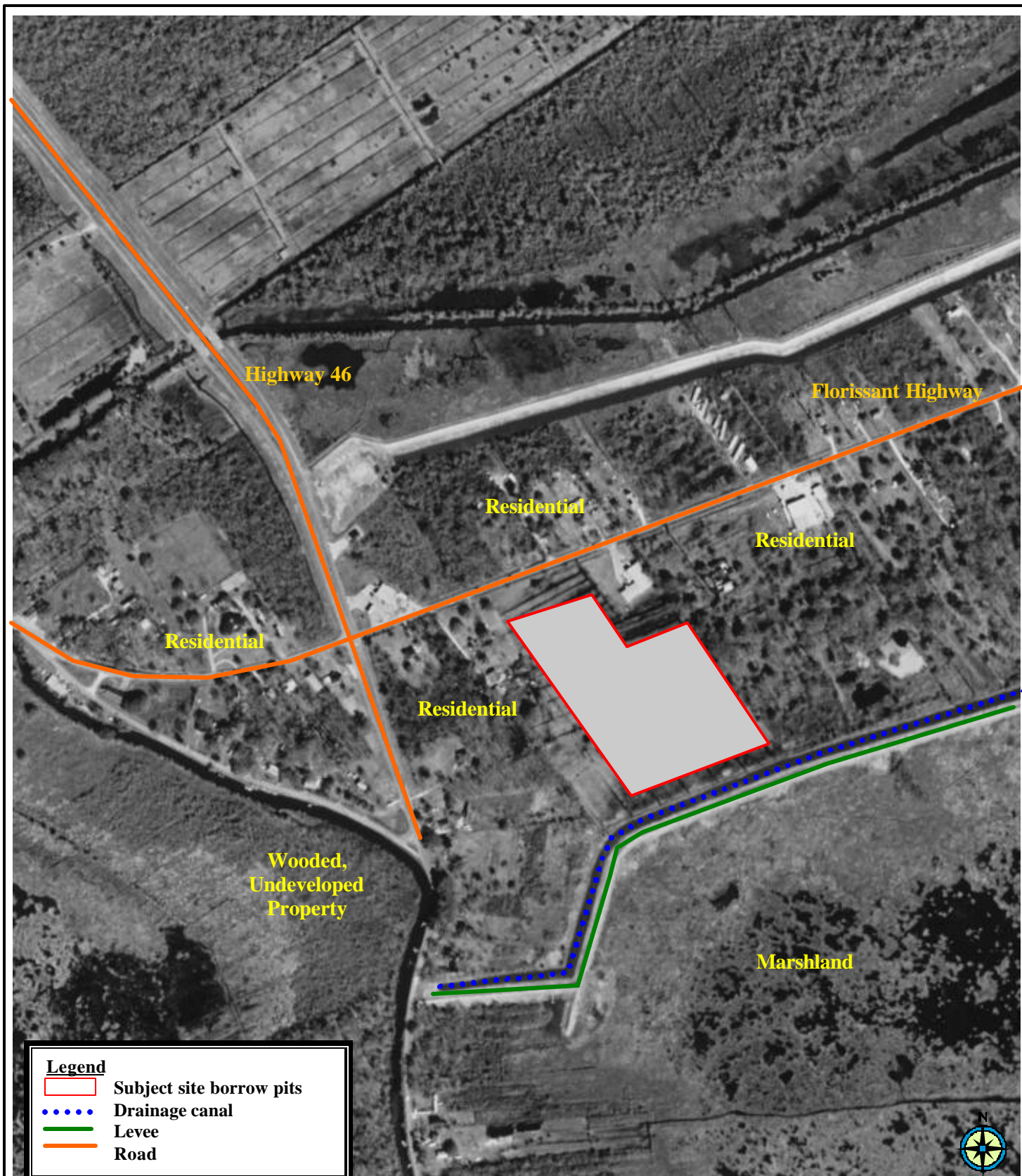


FIGURE - 3 SITE MAP



FLORISSANT HIGHWAY BORROW PIT
FLORISSANT HIGHWAY
ST. BERNARD, ST. BERNARD PARISH,
LOUISIANA

DRAWN BY: TR

REFERENCE: AERIAL MAP OF
ST. BERNARD, LOUISIANA
PROVIDED BY: THE UNITED
STATES GEOLOGICAL SURVEY

APPENDIX B

PROPERTY INFORMATION RECORDS

Louisiana Tax Commission

A Division of the Department of Revenue

[Home](#) [Search](#)
[Louisiana.gov](#)
ST. BERNARD PARISH**STATUS: ACTIVE**
TAX **TAX ACCOUNT**
 2006 0

ASSESSMENT
 7899000000036

TAX AUTHORITY
 ST. BERNARD PARISH

WARD
 7

TAXPAYER INFORMATION
 NAME UNAVAILABLE
 2225 VENUS
PROPERTY LOCATION

304 FLORISSANT

7899 odd plots

[See other property in your subdivision on this street](#)
-
VIOLET, LA 70092**ASSESSED VALUES**

HOMESTEAD: NONE

HISTORICAL TAX ABATEMENT:

DESCRIPTION	UNIT	TOTAL	HOMESTEAD	TAXABLE
Suburban Land	15.00A	13,280	0	13,280
TOTALS		13,280	0	13,280

ESTIMATED TAXES

DESCRIPTION	MILLAGE	TOTAL	HOMESTEAD	TAXES DUE
FD2 Fire District #2	8.35M	\$110.88	\$0.00	\$110.88
PW1 Parish Wide	103.54M	\$1,375.01	\$0.00	\$1,375.01
TOTALS		\$1,485.89	\$0.00	\$1,485.89

PROPERTY DESCRIPTION

LOTS B-2-A & B-2-B SEC. 96 TS14SR14E BEING PART OF ORIGINAL LOT B-2 OF FLORISSANT PLANT. -LOT B-2-A MEAS. 348.38' FRT. ON LA HWY. 46 (FLORISSANT HWY.) X WIDTH REAR OF 344.29' X DEPTH OF 1223.44' X OPPOSITE DEPTH OF 1209.26'. CONTAINS 9.259 ACRES -LOT B-2-B MEAS. 63.04' FRT. ON LA HWY. 46 (FLORISSANT HWY.) X DEPTH ON WESTERLY LINE OF LOT B-1 OF 350' X WIDTH ON SOUTHERN LINE OF LOT B-1 OF 240.65' X DEPTH OF 837.68' X WIDTH IN REAR OF 274.84' X OPPOSITE DEPTH OF 1209.26' CONT. 5.89 AC

Louisiana Tax Commission

A Division of the Department of Revenue

[Home](#) [Search](#)
[Louisiana.gov](#)
ST. BERNARD PARISH**STATUS: ACTIVE**
TAX **TAX ACCOUNT**
 2005 0

ASSESSMENT
 739900023070

TAX AUTHORITY
 ST. BERNARD PARISH

WARD
 7

TAXPAYER INFORMATION
 NAME UNAVAILABLE
 2225 VENUS PLACE

PROPERTY LOCATION
 2225 VENUS PLACE
 7399 odd plots

[See other property in your subdivision on this street](#)
-
VIOLET, LA 70092**ASSESSED VALUES****HOMESTEAD: NONE****HISTORICAL TAX ABATEMENT:**

DESCRIPTION	UNIT	TOTAL	HOMESTEAD	TAXABLE
City Lots	1.00L	2,272	0	2,272
TOTALS		2,272	0	2,272

ESTIMATED TAXES

DESCRIPTION	MILLAGE	TOTAL	HOMESTEAD	TAXES DUE
FD2 Fire District #2	8.35M	\$18.97	\$0.00	\$18.97
PW1 Parish Wide	103.29M	\$234.67	\$0.00	\$234.67
TOTALS		\$253.64	\$0.00	\$253.64

PROPERTY DESCRIPTION

LOT 13. PLAT A. SEC. 96. TS14SR14E. FLORISSANT PLANT. MEAS. 100' BY DEP. 550'

APPENDIX C
SITE PHOTOGRAPHS



1) View of the northern portion of the subject site, facing southwest.



2) View of the central portion of the subject site, facing west.



3) View of southwestern portion of the subject site, facing west.



4) View of western portion of the subject site, facing northwest.



5) View of the eastern portion of the subject site, facing southeast.



6) View of southeastern portion of the subject site, facing east.



7) View of adjacent property to the north of the subject site, facing west.



8) View of dilapidated former seafood processing building northeast of the subject site, facing northeast.



9) View of adjacent property to the south of the subject site, facing southwest.



10) View of southwestern portion of the subject site and adjacent properties to the west, facing west.

APPENDIX D
REGULATORY DATABASE REPORT



The EDR Radius Map with GeoCheck®

**Florissant Highway Borrow Area
4001 Florissant Highway
St. Bernard, LA 70085**

Inquiry Number: 01777838.2r

October 18, 2006

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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Orphan Summary	9
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-7
Physical Setting Source Map Findings	A-8
Physical Setting Source Records Searched	A-9

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

4001 FLORISSANT HIGHWAY
ST. BERNARD, LA 70085

COORDINATES

Latitude (North):	29.840800 - 29° 50' 26.9"
Longitude (West):	89.755000 - 89° 45' 18.0"
Universal Transverse Mercator:	Zone 16
UTM X (Meters):	233806.0
UTM Y (Meters):	3304151.5
Elevation:	3 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	29089-G7 DELACROIX, LA
Most Recent Revision:	1994
East Map:	29089-G6 YSCLOSKEY, LA
Most Recent Revision:	1994

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL RECOVERY	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned

EXECUTIVE SUMMARY

CORRACTS	Corrective Action Report
RCRA-TSDF	Resource Conservation and Recovery Act Information
RCRA-LQG	Resource Conservation and Recovery Act Information
RCRA-SQG	Resource Conservation and Recovery Act Information
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
US BROWNFIELDS	A Listing of Brownfields Sites
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
MINES	Mines Master Index File
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System

STATE AND LOCAL RECORDS

SHWS	Potential and Confirmed Sites List
SWF/LF	Landfill List
DEBRIS	LDEQ Approved Debris Sites
SWRCY	Recycling Directory
LUST	Leaking Underground Storage Tanks
HIST LUST	Underground Storage Tank Case History Incidents
LIENS	Environmental Liens
SPILLS	Emergency Response Section Incidents
AUL	Conveyance Notice Listing
VCP	Voluntary Remediation Program Sites
DRYCLEANERS	Drycleaner Facility Listing

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land
INDIAN UST	Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

Manufactured Gas Plants	EDR Proprietary Manufactured Gas Plants
--------------------------------	---

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STATE AND LOCAL RECORDS

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's Louisiana Underground Storage Tank Database.

A review of the UST list, as provided by EDR, and dated 07/05/2006 has revealed that there is 1 UST site within approximately 0.375 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
JUNCTION FOOD STORE	301 FLORRISANT HWY	0 - 1/8 W	1	6

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
E-Z SERVE #2168	HIST LUST
END OF THE WORLD MARINA	LUST, UST
BAYOU DISCOUNT STORE	LUST, UST
WAL MART	DEBRIS
SERIGNES BOAT LAUNCH	UST
LADOTD - POYDRAS MAINTENANCE UNIT	UST
BELLSOUTH TELECOMMUNICATIONS STBRLAMW - J2203	UST
WVERTZ BROTHERS TIRES	UST
SOUTH CENTRAL BELL - STBRLAMA	UST
BAZILE DISTRIBUTING	UST
FRANK CAMPO	UST
US EPA, HURRICANE KATRINA	RCRA-LQG
1901 FLORISSANT HWY	ERNS
BRETON SOUND AREA 1A PRODUCTION FACILITY	FINDS

OVERVIEW MAP - 01777838.2r



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Manufactured Gas Plants

■ National Priority List Sites

■ Landfill Sites

■ Dept. Defense Sites

■ Indian Reservations BIA

■ Oil & Gas pipelines

■ 100-year flood zone

■ 500-year flood zone

■ National Wetland Inventory

0 1/2 1 2 Miles

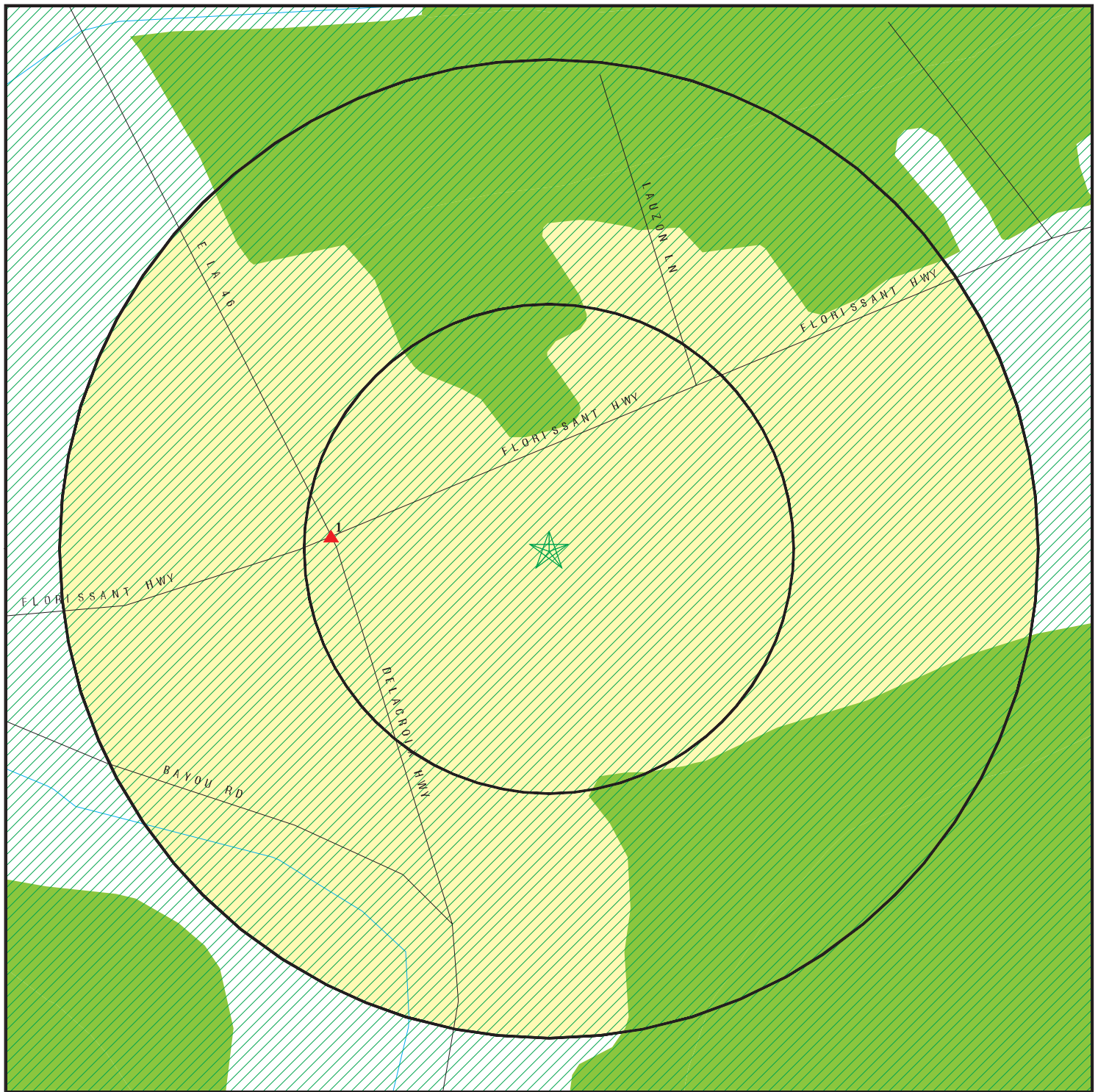


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Florissant Highway Borrow Area
ADDRESS: 4001 Florissant Highway
St. Bernard LA 70085
LAT/LONG: 29.8408 / 89.7550

CLIENT: Aerostar Environmental Svcs.
CONTACT: Thalass Rattanaxay
INQUIRY #: 01777838.2r
DATE: October 18, 2006 1:11 pm

DETAIL MAP - 01777838.2r



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ⚙ Manufactured Gas Plants
- ⚙ Sensitive Receptors
- ⚙ National Priority List Sites
- ⚙ Landfill Sites
- ⚙ Dept. Defense Sites

- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Florissant Highway Borrow Area
 ADDRESS: 4001 Florissant Highway
 St. Bernard LA 70085
 LAT/LONG: 29.8408 / 89.7550

CLIENT: Aerostar Environmental Svcs.
 CONTACT: Thalass Rattanaxay
 INQUIRY #: 01777838.2r
 DATE: October 18, 2006 1:11 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL RECORDS</u>								
NPL		1.125	0	0	0	0	0	0
Proposed NPL		1.125	0	0	0	0	0	0
Delisted NPL		1.125	0	0	0	0	0	0
NPL RECOVERY		0.125	0	NR	NR	NR	NR	0
CERCLIS		0.625	0	0	0	0	NR	0
CERC-NFRAP		0.625	0	0	0	0	NR	0
CORRACTS		1.125	0	0	0	0	0	0
RCRA TSD		0.625	0	0	0	0	NR	0
RCRA Lg. Quan. Gen.		0.375	0	0	0	NR	NR	0
RCRA Sm. Quan. Gen.		0.375	0	0	0	NR	NR	0
ERNS		0.125	0	NR	NR	NR	NR	0
HMIRS		0.125	0	NR	NR	NR	NR	0
US ENG CONTROLS		0.625	0	0	0	0	NR	0
US INST CONTROL		0.625	0	0	0	0	NR	0
DOD		1.125	0	0	0	0	0	0
FUDS		1.125	0	0	0	0	0	0
US BROWNFIELDS		0.625	0	0	0	0	NR	0
CONSENT		1.125	0	0	0	0	0	0
ROD		1.125	0	0	0	0	0	0
UMTRA		0.625	0	0	0	0	NR	0
ODI		0.625	0	0	0	0	NR	0
TRIS		0.125	0	NR	NR	NR	NR	0
TSCA		0.125	0	NR	NR	NR	NR	0
FTTS		0.125	0	NR	NR	NR	NR	0
SSTS		0.125	0	NR	NR	NR	NR	0
ICIS		0.125	0	NR	NR	NR	NR	0
PADS		0.125	0	NR	NR	NR	NR	0
MLTS		0.125	0	NR	NR	NR	NR	0
MINES		0.375	0	0	0	NR	NR	0
FINDS		0.125	0	NR	NR	NR	NR	0
RAATS		0.125	0	NR	NR	NR	NR	0
<u>STATE AND LOCAL RECORDS</u>								
State Haz. Waste		1.125	0	0	0	0	0	0
State Landfill		0.625	0	0	0	0	NR	0
DEBRIS		0.625	0	0	0	0	NR	0
SWRCY		0.625	0	0	0	0	NR	0
LUST		0.625	0	0	0	0	NR	0
HIST LUST		0.625	0	0	0	0	NR	0
UST		0.375	1	0	0	NR	NR	1
LIENS		0.125	0	NR	NR	NR	NR	0
SPILLS		0.125	0	NR	NR	NR	NR	0
AUL		0.625	0	0	0	0	NR	0
VCP		0.625	0	0	0	0	NR	0
DRYCLEANERS		0.375	0	0	0	NR	NR	0
<u>TRIBAL RECORDS</u>								
INDIAN RESERV		1.125	0	0	0	0	0	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
INDIAN LUST		0.625	0	0	0	0	NR	0
INDIAN UST		0.375	0	0	0	NR	NR	0
<u>EDR PROPRIETARY RECORDS</u>								
Manufactured Gas Plants		1.125	0	0	0	0	0	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1
West
< 1/8
588 ft.

JUNCTION FOOD STORE
301 FLORRISANT HWY
ST. BERNARD, LA 70085

UST **U003995964**
N/A

Relative:
Equal

UST:

Actual:
3 ft.

Master Agency Id: 76757
Subject Category Code: EQT
Subject Item ID: 1
UST Tank Num: 39837
Install Date: 11/10/85
Facility Status: Active
Status Date: 07/13/92
Total Capacity: 8000
Number Of Compartments: Not reported
Gasoline Flag: Yes
Diesal Flag: Not reported
Gashol Flag: Not reported
Kerosen Flag: Not reported
Heating Oil Flag: Not reported
New Used Oil Flag: Not reported
Other Sub: Not reported
Other Description: Not reported
Steel Tank Covered With Asphalt: Yes
Cathodically Protected: Not reported
Epoxy Coated Tank: Not reported
A Composite Of Different Materials: Not reported
Fiberglass Or Plastic: Not reported
Interior Line With Some Material: Not reported
Dble Wall As Opposed To Single Wall: Not reported
Outside Lined w/ Polyethylen Jacket: Not reported
Made Of Concrete: Not reported
Liner Covering Excavation Hole: Not reported
Unknown: Not reported
Other Material: Not reported
Other Description: Not reported
Pipe Method Desc: Pressure
Last Status: 3886

Master Agency Id: 76757
Subject Category Code: EQT
Subject Item ID: 2
UST Tank Num: 39838
Install Date: 11/10/85
Facility Status: Active
Status Date: 07/13/92
Total Capacity: 8000
Number Of Compartments: Not reported
Gasoline Flag: Yes
Diesal Flag: Not reported
Gashol Flag: Not reported
Kerosen Flag: Not reported
Heating Oil Flag: Not reported
New Used Oil Flag: Not reported
Other Sub: Not reported
Other Description: Not reported
Steel Tank Covered With Asphalt: Yes
Cathodically Protected: Not reported
Epoxy Coated Tank: Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

JUNCTION FOOD STORE (Continued)

U003995964

A Composite Of Different Materials: Not reported
Fiberglass Or Plastic: Not reported
Interior Line With Some Material: Not reported
Dble Wall As Opposed To Single Wall: Not reported
Outside Lined w/ Polyethylen Jacket: Not reported
Made Of Concrete: Not reported
Liner Covering Excavation Hole: Not reported
Unknown: Not reported
Other Material: Not reported
Other Description: Not reported
Pipe Method Desc: Pressure
Last Status: 3886

Master Agency Id: 76757
Subject Category Code: EQT
Subject Item ID: 3
UST Tank Num: 39839
Install Date: 11/10/85
Facility Status: Active
Status Date: 07/13/92
Total Capacity: 8000
Number Of Compartments: Not reported
Gasoline Flag: Yes
Diesal Flag: Not reported
Gashol Flag: Not reported
Kerosen Flag: Not reported
Heating Oil Flag: Not reported
New Used Oil Flag: Not reported
Other Sub: Not reported
Other Description: Not reported
Steel Tank Covered With Asphalt: Yes
Cathodically Protected: Not reported
Epoxy Coated Tank: Not reported
A Composite Of Different Materials: Not reported
Fiberglass Or Plastic: Not reported
Interior Line With Some Material: Not reported
Dble Wall As Opposed To Single Wall: Not reported
Outside Lined w/ Polyethylen Jacket: Not reported
Made Of Concrete: Not reported
Liner Covering Excavation Hole: Not reported
Unknown: Not reported
Other Material: Not reported
Other Description: Not reported
Pipe Method Desc: Pressure
Last Status: 3886

Master Agency Id: 76757
Subject Category Code: EQT
Subject Item ID: 4
UST Tank Num: 39840
Install Date: 11/10/85
Facility Status: Active
Status Date: 07/13/92
Total Capacity: 4000
Number Of Compartments: Not reported
Gasoline Flag: Not reported
Diesal Flag: Yes

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JUNCTION FOOD STORE (Continued)

U003995964

Gashol Flag:	Not reported
Kerosen Flag:	Not reported
Heating Oil Flag:	Not reported
New Used Oil Flag:	Not reported
Other Sub:	Not reported
Other Description:	Not reported
Steel Tank Covered With Asphalt:	Yes
Cathodically Protected:	Not reported
Epoxy Coated Tank:	Not reported
A Composite Of Different Materials:	Not reported
Fiberglass Or Plastic:	Not reported
Interior Line With Some Material:	Not reported
Dble Wall As Opposed To Single Wall:	Not reported
Outside Lined w/ Polyethylen Jacket:	Not reported
Made Of Concrete:	Not reported
Liner Covering Excavation Hole:	Not reported
Unknown:	Not reported
Other Material:	Not reported
Other Description:	Not reported
Pipe Method Desc:	Pressure
Last Status:	3886

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
DELACROIX	U003923114	SERIGNES BOAT LAUNCH	LA HWY 300	70085	UST
DELACROIX	U003987102	END OF THE WORLD MARINA	HWYS 46 & 300	70085	LUST, UST
NEW ORLEANS	U003925057	LADOTD - POYDRAS MAINTENANCE UNIT	7820 E ST BERNARD HWY	70085	UST
POYDRAS	U003995959	BELLSOUTH TELECOMMUNICATIONS STBRLAMW - J2203	HWY 39 - ST BERNARD	70085	UST
POYDRAS	U004052248	WVERTZ BROTHERS TIRES	8101 ST BERNARD HWY	70085	UST
POYDRAS	1008880644	US EPA, HURRICANE KATRINA	600 ST BERNARD PKWY	70085	RCRA-LQG
POYDRAS	U003924020	BAYOU DISCOUNT STORE	8401 E ST BERNARD HWY	70085	LUST, UST
POYDRAS	S106034122	E-Z SERVE #2168	8401 EAST ST BERNARD HWY	70085	HIST LUST
SAINT BERNARD	1006674209	BRETON SOUND AREA 1A PRODUCTION FACILITY	0.1 MI S OF	70085	FINDS
ST. BERNARD	U003926898	SOUTH CENTRAL BELL - STBRLAMA	ST BERNARD RD	70085	UST
ST. BERNARD	2005622423	1901 FLORISSANT HWY	1901 FLORISSANT HWY	70085	ERNS
ST. BERNARD	S107472413	WAL MART	ON JUDGE PEREZ DR.		DEBRIS
ST. BERNARD	U003926682	BAZILE DISTRIBUTING	7919 E ST BERNARD HWY	70085	UST
ST. BERNARD	U003995892	FRANK CAMPO	1301 YSCLOSKEY HWY	70085	UST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 07/05/2006	Source: EPA
Date Data Arrived at EDR: 08/02/2006	Telephone: N/A
Date Made Active in Reports: 09/12/2006	Last EDR Contact: 08/02/2006
Number of Days to Update: 41	Next Scheduled EDR Contact: 10/30/2006
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

Date of Government Version: 07/05/2006	Source: EPA
Date Data Arrived at EDR: 08/02/2006	Telephone: N/A
Date Made Active in Reports: 09/12/2006	Last EDR Contact: 08/02/2006
Number of Days to Update: 41	Next Scheduled EDR Contact: 10/30/2006
	Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/05/2006	Source: EPA
Date Data Arrived at EDR: 08/02/2006	Telephone: N/A
Date Made Active in Reports: 09/12/2006	Last EDR Contact: 08/02/2006
Number of Days to Update: 41	Next Scheduled EDR Contact: 10/30/2006
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL RECOVERY: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/21/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: No Update Planned

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 06/19/2006	Source: EPA
Date Data Arrived at EDR: 06/22/2006	Telephone: 703-603-8960
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 09/21/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 07/17/2006	Source: EPA
Date Data Arrived at EDR: 08/02/2006	Telephone: 703-603-8960
Date Made Active in Reports: 09/12/2006	Last EDR Contact: 09/18/2006
Number of Days to Update: 41	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Quarterly

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/15/2006	Source: EPA
Date Data Arrived at EDR: 03/17/2006	Telephone: 800-424-9346
Date Made Active in Reports: 04/13/2006	Last EDR Contact: 09/05/2006
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/04/2006
	Data Release Frequency: Quarterly

RCRA: Resource Conservation and Recovery Act Information

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/13/2006	Source: EPA
Date Data Arrived at EDR: 06/28/2006	Telephone: 800-424-9346
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 09/28/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2005	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/12/2006	Telephone: 202-260-2342
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 07/25/2006
Number of Days to Update: 40	Next Scheduled EDR Contact: 10/23/2006
	Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 07/03/2006	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 07/19/2006	Telephone: 202-366-4555
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 10/18/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Annually

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 09/07/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 03/21/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2006	Telephone: 703-603-8905
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 09/07/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 10/02/2006
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2004	Source: USGS
Date Data Arrived at EDR: 02/08/2005	Telephone: 703-692-8801
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 08/11/2006
Number of Days to Update: 177	Next Scheduled EDR Contact: 11/06/2006
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/05/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 01/19/2006	Telephone: 202-528-4285
Date Made Active in Reports: 02/21/2006	Last EDR Contact: 09/18/2006
Number of Days to Update: 33	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Varies

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 07/10/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/13/2006	Telephone: 202-566-2777
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 09/11/2006
Number of Days to Update: 55	Next Scheduled EDR Contact: 12/11/2006
	Data Release Frequency: Semi-Annually

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/2004	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 02/15/2005	Telephone: Varies
Date Made Active in Reports: 04/25/2005	Last EDR Contact: 09/18/2006
Number of Days to Update: 69	Next Scheduled EDR Contact: 10/23/2006
	Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/10/2006	Source: EPA
Date Data Arrived at EDR: 07/21/2006	Telephone: 703-416-0223
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 10/02/2006
Number of Days to Update: 47	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 11/04/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/28/2005	Telephone: 505-845-0011
Date Made Active in Reports: 01/30/2006	Last EDR Contact: 09/05/2006
Number of Days to Update: 63	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 07/20/2006	Source: EPA
Date Data Arrived at EDR: 07/21/2006	Telephone: 202-564-6064
Date Made Active in Reports: 08/22/2006	Last EDR Contact: 10/02/2006
Number of Days to Update: 32	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Quarterly

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 06/22/2006	Telephone: 202-566-0250
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 09/22/2006
Number of Days to Update: 62	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 46	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/14/2006	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 07/18/2006	Telephone: 202-566-1667
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 09/18/2006
Number of Days to Update: 50	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

Date of Government Version: 07/14/2006	Source: EPA
Date Data Arrived at EDR: 07/18/2006	Telephone: 202-566-1667
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 09/18/2006
Number of Days to Update: 50	Next Scheduled EDR Contact: 12/18/2006
	Data Release Frequency: Quarterly

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 05/11/2006	Telephone: 202-564-4203
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 10/16/2006
Number of Days to Update: 11	Next Scheduled EDR Contact: 01/15/2007
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/13/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/21/2006	Telephone: 202-564-5088
Date Made Active in Reports: 05/11/2006	Last EDR Contact: 07/17/2006
Number of Days to Update: 20	Next Scheduled EDR Contact: 10/16/2006
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/07/2006	Source: EPA
Date Data Arrived at EDR: 08/09/2006	Telephone: 202-566-0500
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 08/09/2006
Number of Days to Update: 28	Next Scheduled EDR Contact: 11/06/2006
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/10/2006	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/20/2006	Telephone: 301-415-7169
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 10/02/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Quarterly

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/16/2006	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 06/28/2006	Telephone: 303-231-5959
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 09/27/2006
Number of Days to Update: 56	Next Scheduled EDR Contact: 12/25/2006
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/21/2006	Source: EPA
Date Data Arrived at EDR: 07/25/2006	Telephone: N/A
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 10/02/2006
Number of Days to Update: 43	Next Scheduled EDR Contact: 01/01/2007
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 09/05/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/04/2006
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2003	Source: EPA/NTIS
Date Data Arrived at EDR: 06/17/2005	Telephone: 800-424-9346
Date Made Active in Reports: 08/04/2005	Last EDR Contact: 10/06/2006
Number of Days to Update: 48	Next Scheduled EDR Contact: 12/11/2006
	Data Release Frequency: Biennially

STATE AND LOCAL RECORDS

SHWS: Potential and Confirmed Sites List

Confirmed status denotes that assessments have been performed and a determination made that (1) hazardous waste(s) or substance(s) are present at the site and (2) these sites are under the jurisdiction of the LDEQ/RSD. Potential status is an indicator that sites are either waiting to be assessed or the assessment is in progress.

Date of Government Version: 08/07/2006	Source: Department of Environmental Quality
Date Data Arrived at EDR: 09/06/2006	Telephone: 225-219-3181
Date Made Active in Reports: 10/11/2006	Last EDR Contact: 08/14/2006
Number of Days to Update: 35	Next Scheduled EDR Contact: 11/13/2006
	Data Release Frequency: Quarterly

SWF/LF: Landfill List

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 07/11/2006	Source: Department of Environmental Quality
Date Data Arrived at EDR: 07/21/2006	Telephone: 225-219-3181
Date Made Active in Reports: 08/29/2006	Last EDR Contact: 10/09/2006
Number of Days to Update: 39	Next Scheduled EDR Contact: 01/08/2007
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEBRIS: LDEQ Approved Debris Sites

A listing of LDEQ Approved Debris Sites where hurricane debris is dumped.

Date of Government Version: 04/18/2006
Date Data Arrived at EDR: 06/28/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 29

Source: Department of Environmental Quality
Telephone: 225-219-3953
Last EDR Contact: 09/28/2006
Next Scheduled EDR Contact: 12/25/2006
Data Release Frequency: Varies

SWRCY: Recycling Directory

A listing of recycling facilities.

Date of Government Version: 07/11/2006
Date Data Arrived at EDR: 07/12/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 15

Source: Department of Environmental Quality
Telephone: 225-219-3181
Last EDR Contact: 10/12/2006
Next Scheduled EDR Contact: 01/08/2007
Data Release Frequency: Semi-Annually

LUST: Leaking Underground Storage Tanks

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 07/17/2006
Date Data Arrived at EDR: 09/06/2006
Date Made Active in Reports: 10/11/2006
Number of Days to Update: 35

Source: Department of Environmental Quality
Telephone: 225-219-3181
Last EDR Contact: 08/14/2006
Next Scheduled EDR Contact: 11/13/2006
Data Release Frequency: Varies

HIST LUST: Underground Storage Tank Case History Incidents

This listing includes detailed information for Leaking Underground Storage Tanks reported through November 1999. It is no longer updated. Current LUST incidents, without detail, can be found in the Leaking Underground Storage Tank Database

Date of Government Version: 11/01/1999
Date Data Arrived at EDR: 02/16/2000
Date Made Active in Reports: 05/01/2000
Number of Days to Update: 75

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 12/04/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST: Louisiana Underground Storage Tank Database

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 07/05/2006
Date Data Arrived at EDR: 07/18/2006
Date Made Active in Reports: 08/18/2006
Number of Days to Update: 31

Source: Department of Environmental Quality
Telephone: 225-219-3181
Last EDR Contact: 10/02/2006
Next Scheduled EDR Contact: 01/01/2007
Data Release Frequency: Quarterly

LIENS: Environmental Liens

Date of Government Version: 09/06/2006
Date Data Arrived at EDR: 09/06/2006
Date Made Active in Reports: 10/11/2006
Number of Days to Update: 35

Source: Department of Environmental Quality
Telephone: N/A
Last EDR Contact: 08/14/2006
Next Scheduled EDR Contact: 11/13/2006
Data Release Frequency: Varies

SPILLS: Emergency Response Section Incidents

Spills and/or releases, to land, reported to the Emergency Response Section.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/27/2006
Date Data Arrived at EDR: 08/02/2006
Date Made Active in Reports: 08/29/2006
Number of Days to Update: 27

Source: Department of Environmental Quality
Telephone: 225-219-3620
Last EDR Contact: 09/11/2006
Next Scheduled EDR Contact: 12/11/2006
Data Release Frequency: Varies

AUL: Listing of Institutional and/or Engineering Controls

A notice of contamination (nature and levels of contaminants) and restriction of property to non-residential use are placed in the conveyance records for the property.

Date of Government Version: 08/10/2006
Date Data Arrived at EDR: 08/18/2006
Date Made Active in Reports: 08/29/2006
Number of Days to Update: 11

Source: Department of Environmental Quality
Telephone: 225-219-3168
Last EDR Contact: 07/27/2006
Next Scheduled EDR Contact: 11/13/2006
Data Release Frequency: Quarterly

VCP: Voluntary Remediation Program Sites

Sites that have entered the Department of Environmental Quality's Voluntary Remediation Program

Date of Government Version: 08/15/2006
Date Data Arrived at EDR: 09/06/2006
Date Made Active in Reports: 10/11/2006
Number of Days to Update: 35

Source: Department of Environmental Quality
Telephone: 225-219-3181
Last EDR Contact: 08/14/2006
Next Scheduled EDR Contact: 11/13/2006
Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Facility Listing

A listing of drycleaner facilities.

Date of Government Version: 05/15/2006
Date Data Arrived at EDR: 06/19/2006
Date Made Active in Reports: 07/27/2006
Number of Days to Update: 38

Source: Department of Environmental Quality
Telephone: 225-219-3168
Last EDR Contact: 08/14/2006
Next Scheduled EDR Contact: 11/13/2006
Data Release Frequency: Varies

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/08/2005
Date Made Active in Reports: 08/04/2005
Number of Days to Update: 177

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 08/11/2006
Next Scheduled EDR Contact: 11/06/2006
Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 06/08/2006
Date Data Arrived at EDR: 06/09/2006
Date Made Active in Reports: 06/28/2006
Number of Days to Update: 19

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005
Date Data Arrived at EDR: 01/21/2005
Date Made Active in Reports: 02/28/2005
Number of Days to Update: 38

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 08/21/2006
Next Scheduled EDR Contact: 11/20/2006
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 06/06/2006	Source: EPA Region 8
Date Data Arrived at EDR: 06/09/2006	Telephone: 303-312-6271
Date Made Active in Reports: 07/28/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 49	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 06/08/2006	Source: EPA Region 10
Date Data Arrived at EDR: 06/09/2006	Telephone: 206-553-2857
Date Made Active in Reports: 07/28/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 49	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 06/01/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/23/2006	Telephone: 415-972-3372
Date Made Active in Reports: 08/02/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 40	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 06/01/2006	Source: EPA Region 7
Date Data Arrived at EDR: 07/10/2006	Telephone: 913-551-7003
Date Made Active in Reports: 09/12/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 64	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

Date of Government Version: 06/01/2006	Source: EPA Region 9
Date Data Arrived at EDR: 06/23/2006	Telephone: 415-972-3368
Date Made Active in Reports: 08/02/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 40	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

Date of Government Version: 06/08/2006	Source: EPA Region 10
Date Data Arrived at EDR: 06/09/2006	Telephone: 206-553-2857
Date Made Active in Reports: 07/28/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 49	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004	Source: EPA Region 5
Date Data Arrived at EDR: 12/29/2004	Telephone: 312-886-6136
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 08/21/2006
Number of Days to Update: 37	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R8: Underground Storage Tanks on Indian Land

Date of Government Version: 06/06/2006	Source: EPA Region 8
Date Data Arrived at EDR: 06/09/2006	Telephone: 303-312-6137
Date Made Active in Reports: 07/28/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 49	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Quarterly

INDIAN UST R6: Underground Storage Tanks on Indian Land

Date of Government Version: 06/30/2006	Source: EPA Region 6
Date Data Arrived at EDR: 07/03/2006	Telephone: 214-665-7591
Date Made Active in Reports: 09/06/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 65	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 06/08/2006	Source: EPA, Region 1
Date Data Arrived at EDR: 06/09/2006	Telephone: 617-918-1313
Date Made Active in Reports: 06/30/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 21	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

Date of Government Version: 06/01/2006	Source: EPA Region 7
Date Data Arrived at EDR: 07/10/2006	Telephone: 913-551-7003
Date Made Active in Reports: 09/12/2006	Last EDR Contact: 08/21/2006
Number of Days to Update: 64	Next Scheduled EDR Contact: 11/20/2006
	Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

COUNTY RECORDS

ORLEANS COUNTY:

Brownfields Inventory

Brownfields are abandoned, idled, or underused industrial or commercial real property, the expansion, redevelopment or reuse of which may be complicated by the presence of or potential presence of a hazardous substance, pollutant, or contaminant.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/17/2006
Date Data Arrived at EDR: 08/17/2006
Date Made Active in Reports: 08/29/2006
Number of Days to Update: 12

Source: New Orleans Office of Environmental Affairs
Telephone: 504-658-4070
Last EDR Contact: 08/17/2006
Next Scheduled EDR Contact: 11/13/2006
Data Release Frequency: Quarterly

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 12/31/2004
Date Data Arrived at EDR: 02/17/2006
Date Made Active in Reports: 04/07/2006
Number of Days to Update: 49

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 09/11/2006
Next Scheduled EDR Contact: 12/11/2006
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 08/01/2006
Date Data Arrived at EDR: 08/30/2006
Date Made Active in Reports: 10/16/2006
Number of Days to Update: 47

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/30/2006
Next Scheduled EDR Contact: 11/27/2006
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 05/04/2006
Date Made Active in Reports: 06/06/2006
Number of Days to Update: 33

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 09/11/2006
Next Scheduled EDR Contact: 12/11/2006
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 03/17/2006
Date Made Active in Reports: 05/02/2006
Number of Days to Update: 46

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 10/09/2006
Next Scheduled EDR Contact: 01/08/2007
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: PennWell Corporation
Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

FLORISSANT HIGHWAY BORROW AREA
4001 FLORISSANT HIGHWAY
ST. BERNARD, LA 70085

TARGET PROPERTY COORDINATES

Latitude (North):	29.84080 - 29° 50' 26.9"
Longitude (West):	89.755 - 89° 45' 18.0"
Universal Transverse Mercator:	Zone 16
UTM X (Meters):	233806.0
UTM Y (Meters):	3304151.5
Elevation:	3 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	29089-G7 DELACROIX, LA
Most Recent Revision:	1994
East Map:	29089-G6 YSCLOSKEY, LA
Most Recent Revision:	1994

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

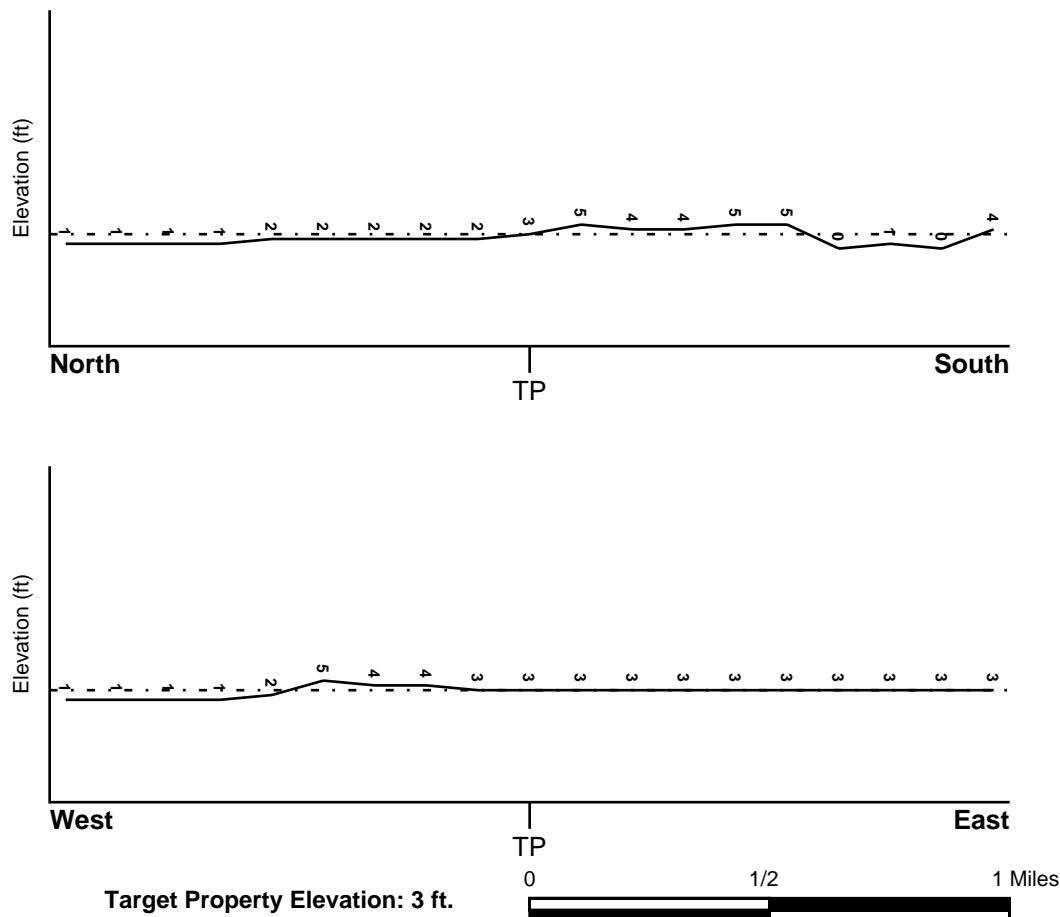
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County
ST BERNARD, LA

FEMA Flood
Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 2252040490B

Additional Panels in search area: 2252040480B
2252040485B
2252040495B

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property
DELACROIX

NWI Electronic
Data Coverage
YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u> <u>FROM TP</u>	<u>GENERAL DIRECTION</u> <u>GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Cenozoic
System: Quaternary
Series: Holocene
Code: Qh (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: SHARKEY

Soil Surface Texture: clay

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Poorly. Soils may have a saturated zone, a layer of low hydraulic conductivity, or seepage. Depth to water table is less than 1 foot.

Hydric Status: Soil meets the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.06 Min: 0.00	Max: 8.40 Min: 5.10
2	9 inches	42 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 0.06 Min: 0.00	Max: 8.40 Min: 5.60
3	42 inches	60 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.20 Min: 0.06	Max: 8.40 Min: 6.60

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
silty clay loam
silty clay

Surficial Soil Types: silt loam
silty clay loam
silty clay

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: stratified
silty clay loam
silt loam
silty clay
fine sandy loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

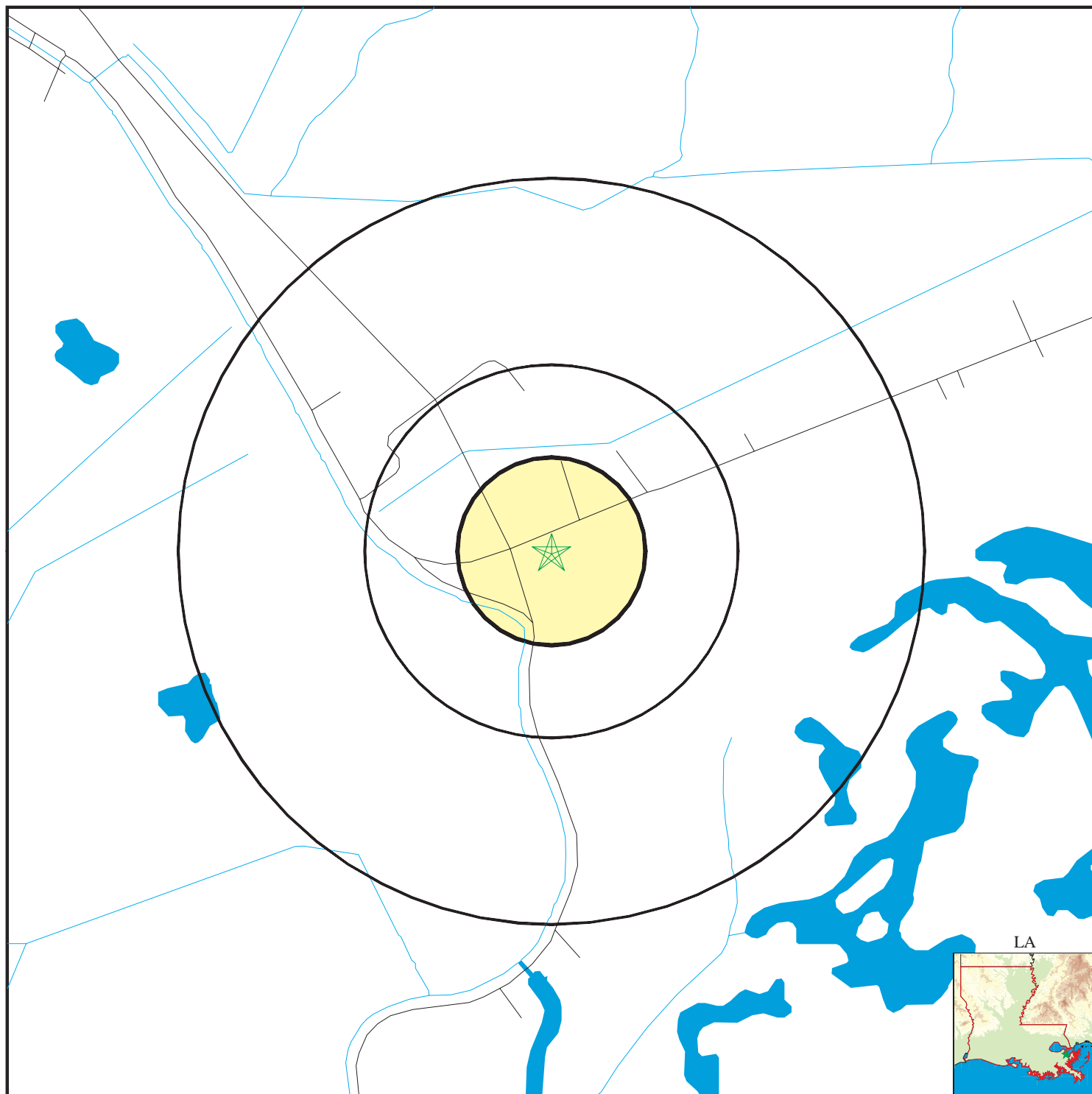
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 01777838.2r



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

No contour lines were detected within this map area.

SITE NAME: Florissant Highway Borrow Area
 ADDRESS: 4001 Florissant Highway
 St. Bernard LA 70085
 LAT/LONG: 29.8408 / 89.7550

CLIENT: Aerostar Environmental Svcs.
 CONTACT: Thalass Rattanaxay
 INQUIRY #: 01777838.2r
 DATE: October 18, 2006 1:11 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: LA Radon

Radon Test Results

Parish	Avg pCi/L	Total Sites
ST. BERNARD	0.23333	18

Federal EPA Radon Zone for ST. BERNARD County: 3

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS**Louisiana Public Water Supply Wells**

Source: Office of Public Health

Telephone: 504-568-5101

Water Well Registration Data File

Source: Department of Transportation and Development

Telephone: 225-274-4172

Oil and Gas Well Database

Source: Department of Natural Resources

Telephone: 225-342-1977

Oil and gas well locations in Louisiana.

OTHER STATE DATABASE INFORMATION**RADON****State Database: LA Radon**

Source: Department of Environmental Quality

Telephone: 225-925-1752

Radon Levels

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER**Airport Landing Facilities:** Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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EDR Historical Topographic Map Report

**Florissant Highway Borrow Area
4001 Florissant Highway
St. Bernard, LA 70085**

Inquiry Number: 1772448.4

October 11, 2006



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Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050
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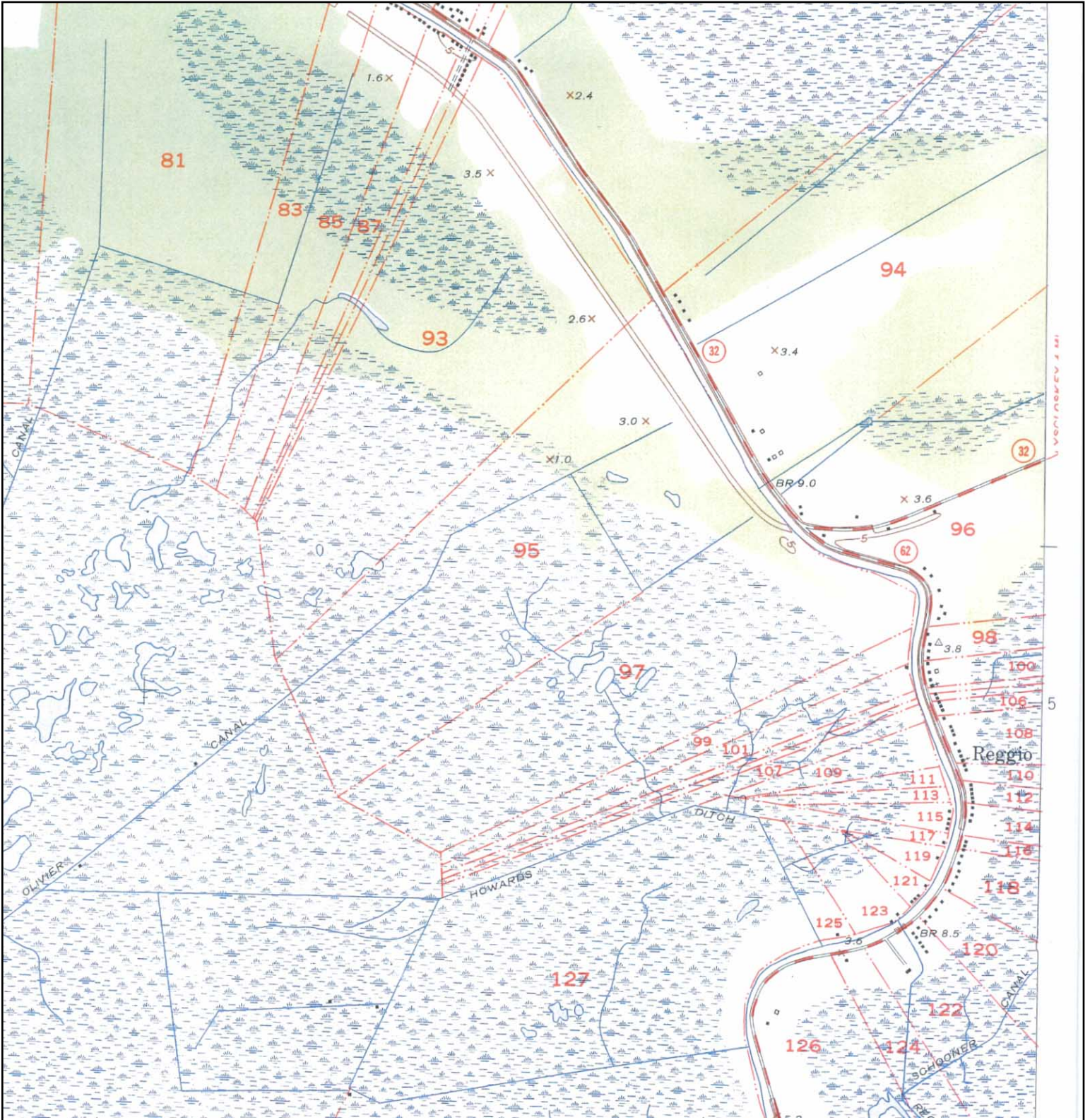
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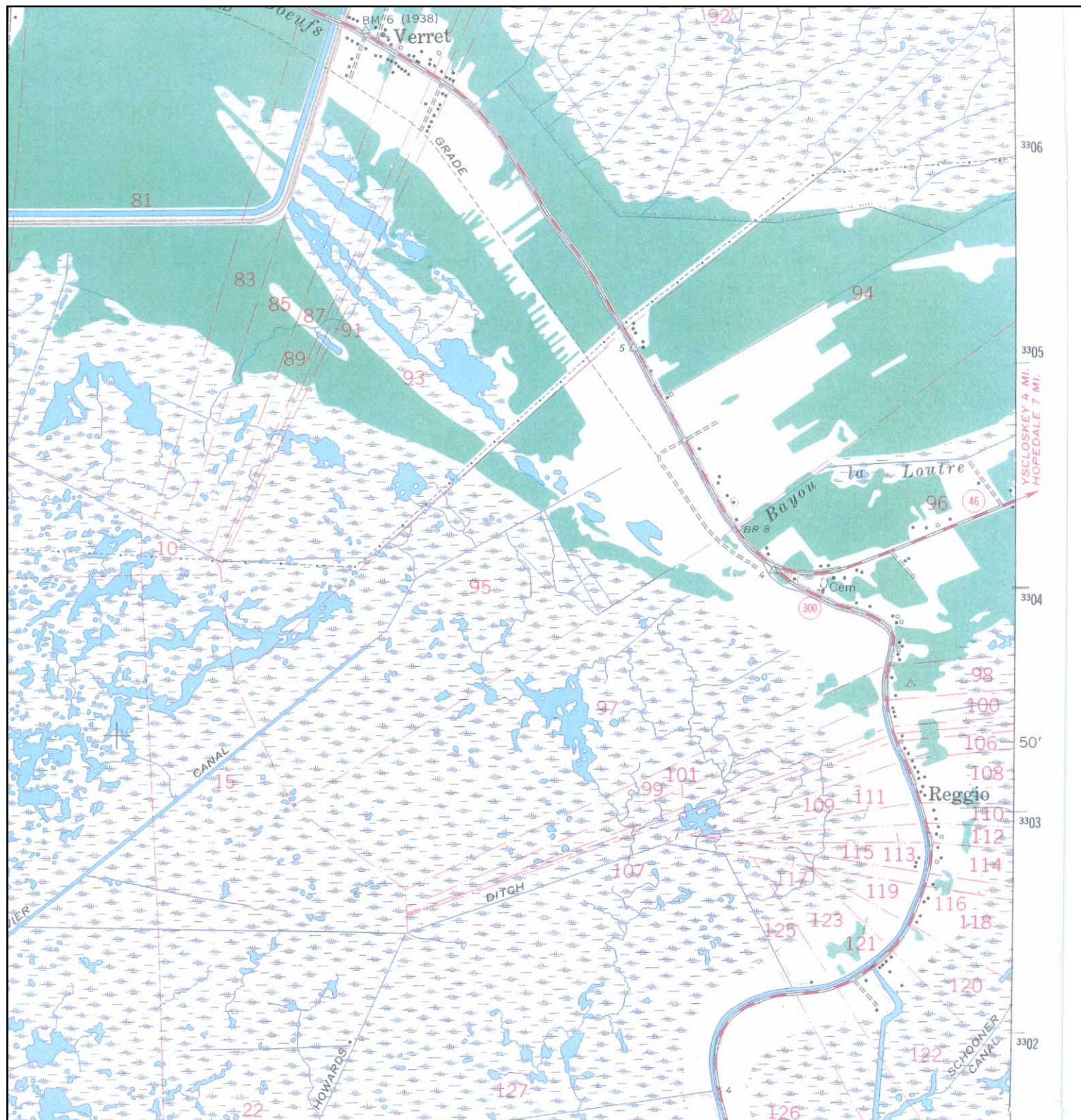
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Historical Topographic Map



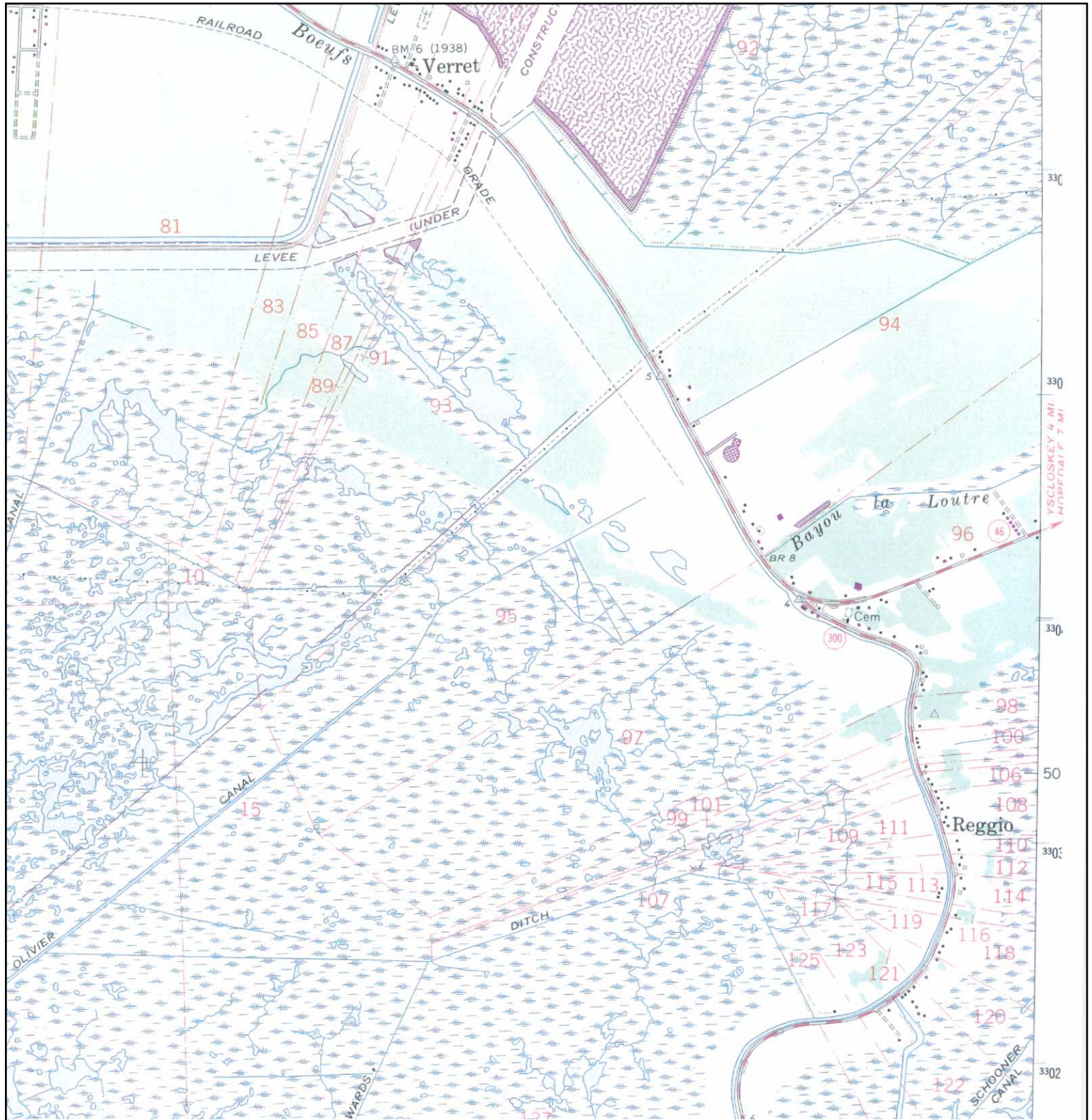
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	SERIES: 7.5 SCALE: 1:24,000		

Historical Topographic Map



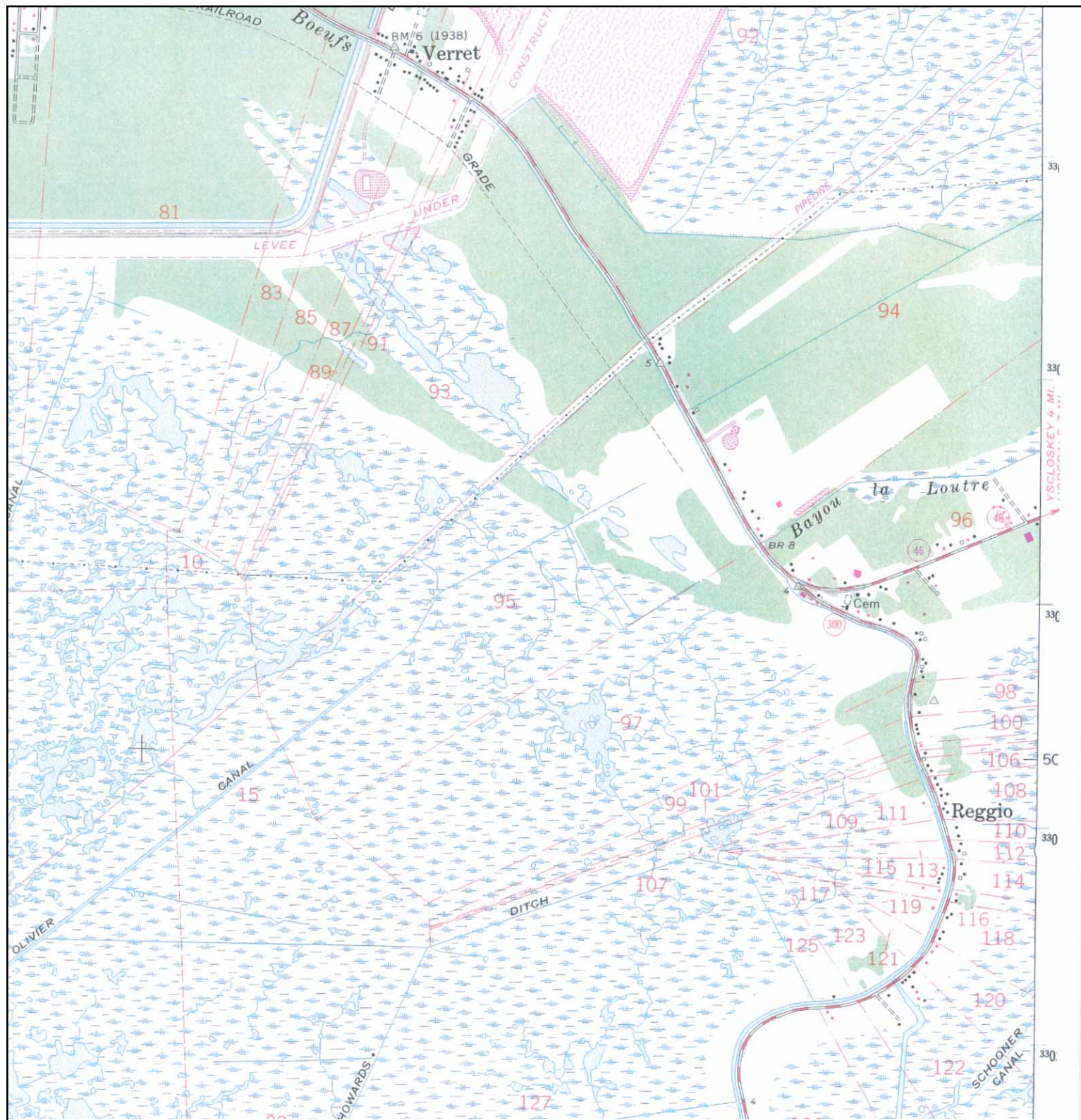
<p>N ↑</p>	<p>TARGET QUAD NAME: Delacroix, LA MAP YEAR: 1967 SERIES: 7.5 SCALE: 1:24,000</p>	<p>SITE NAME: Florissant Highway Borrow Area ADDRESS: 4001 Florissant Highway St. Bernard, LA 70085 LAT/LONG: 29.8408 / 89.755</p>	<p>CLIENT: Aerostar Environmental Svcs. CONTACT: Thalass Rattanaxay INQUIRY#: 1772448.4 RESEARCH DATE: 10/11/2006</p>
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Historical Topographic Map



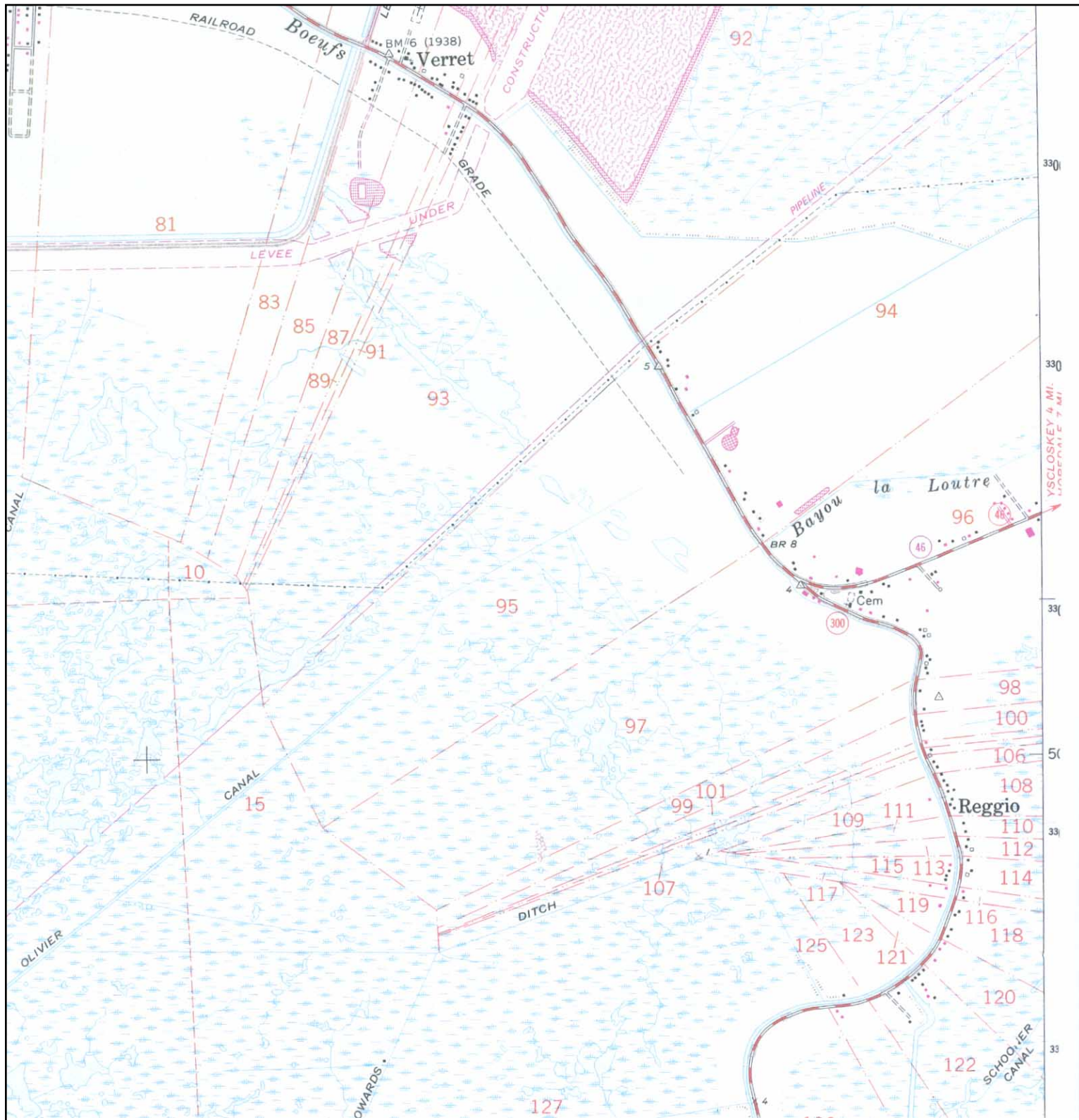
<p>N ↑</p>	<p>TARGET QUAD NAME: Delacroix, LA MAP YEAR: 1972 PHOTO REVISED: 1967 SERIES: 7.5 SCALE: 1:24,000</p>	<p>SITE NAME: Florissant Highway Borrow Area ADDRESS: 4001 Florissant Highway St. Bernard, LA 70085 LAT/LONG: 29.8408 / 89.755</p>	<p>CLIENT: Aerostar Environmental Svcs. CONTACT: Thalass Rattanaxay INQUIRY#: 1772448.4 RESEARCH DATE: 10/11/2006</p>
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Historical Topographic Map



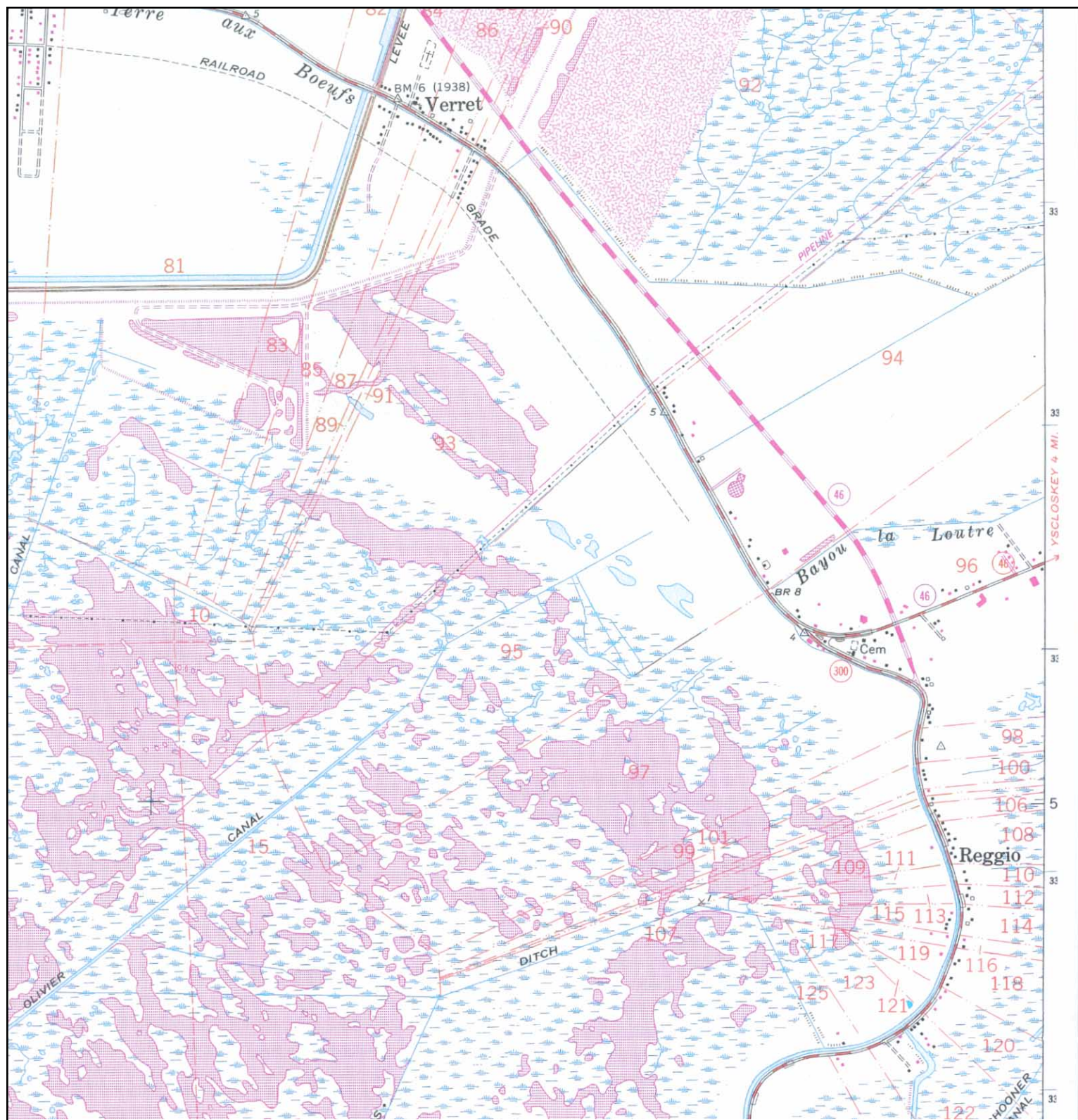
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Historical Topographic Map



<div>N</div> <div>↑</div>	TARGET QUAD	SITE NAME: Florissant Highway Borrow Area	CLIENT: Aerostar Environmental Svcs.
	NAME: Delacroix, LA		CONTACT: Thalass Rattanaray
	MAP YEAR: 1983	ADDRESS: 4001 Florissant Highway	INQUIRY#: 1772448.4
	PHOTO INSPECTED: 1967	St. Bernard, LA 70085	RESEARCH DATE: 10/11/2006
	SERIES: 7.5	LAT/LONG: 29.8408 / 89.755	
	SCALE: 1:24,000		

Historical Topographic Map



<p>N ↑</p>	<p>TARGET QUAD NAME: Delacroix, LA MAP YEAR: 1994 REVISED: 1967 SERIES: 7.5 SCALE: 1:24,000</p>	<p>SITE NAME: Florissant Highway Borrow Area ADDRESS: 4001 Florissant Highway St. Bernard, LA 70085 LAT/LONG: 29.8408 / 89.755</p>	<p>CLIENT: Aerostar Environmental Svcs. CONTACT: Thalass Rattanaxay INQUIRY#: 1772448.4 RESEARCH DATE: 10/11/2006</p>
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Order Date: 10/10/2006 **Completion Date:** 10/10/2006

Inquiry #: 1772448.3

P.O. #: NA

Site Name: FlantHighwayArea

Address: 4001 FlantHighway

City/State: St Benad, LA 70085

Cross Streets:

Customer Project: 0406-632-02
7037333TED 251-432-2664

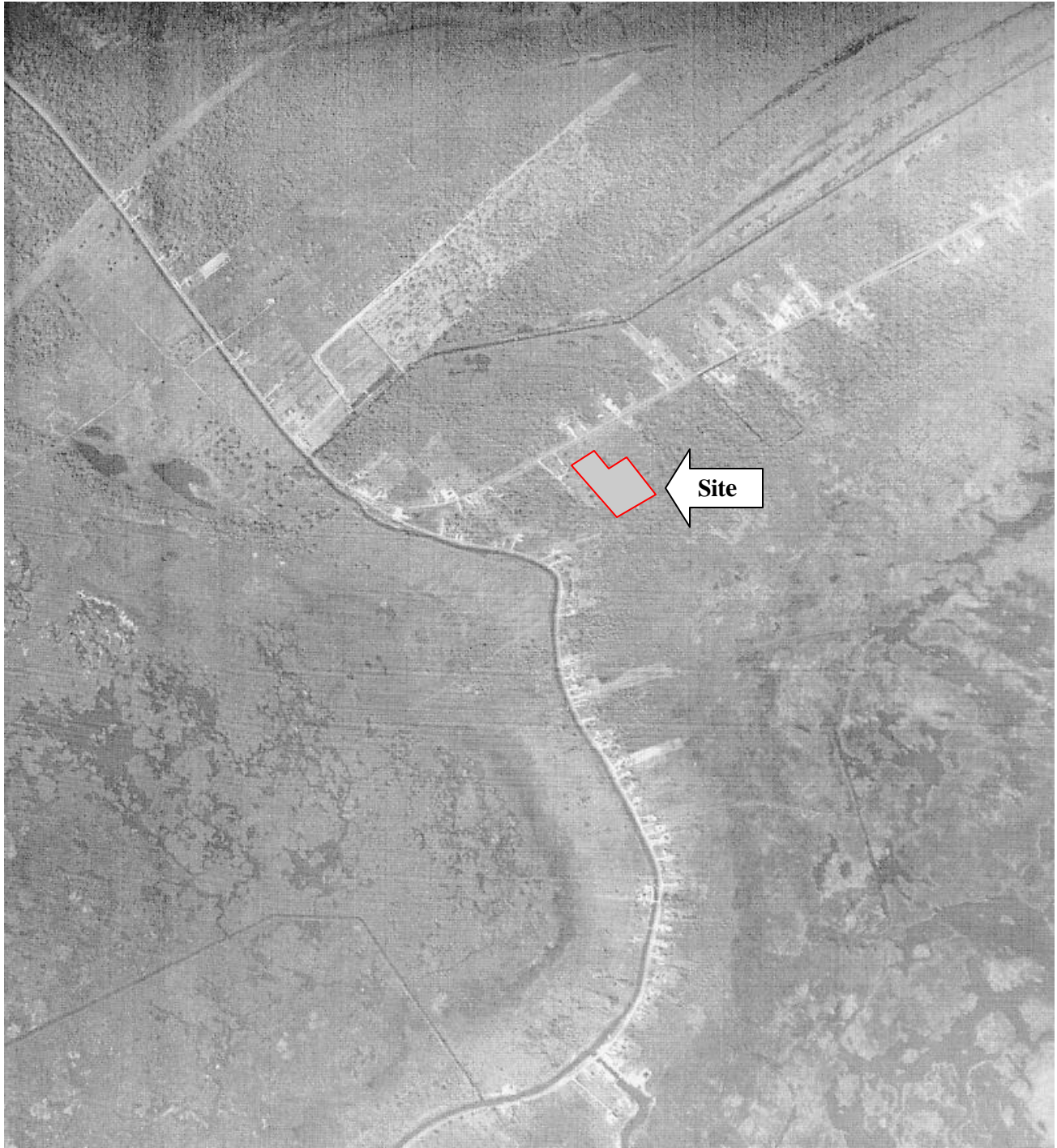
This document is the largest and most complete edition of Sanborn fire insurance maps that has been viewed based on client-provided information, and fire insurance maps depicting the target property specified address are not identified.

NO COVERAGE

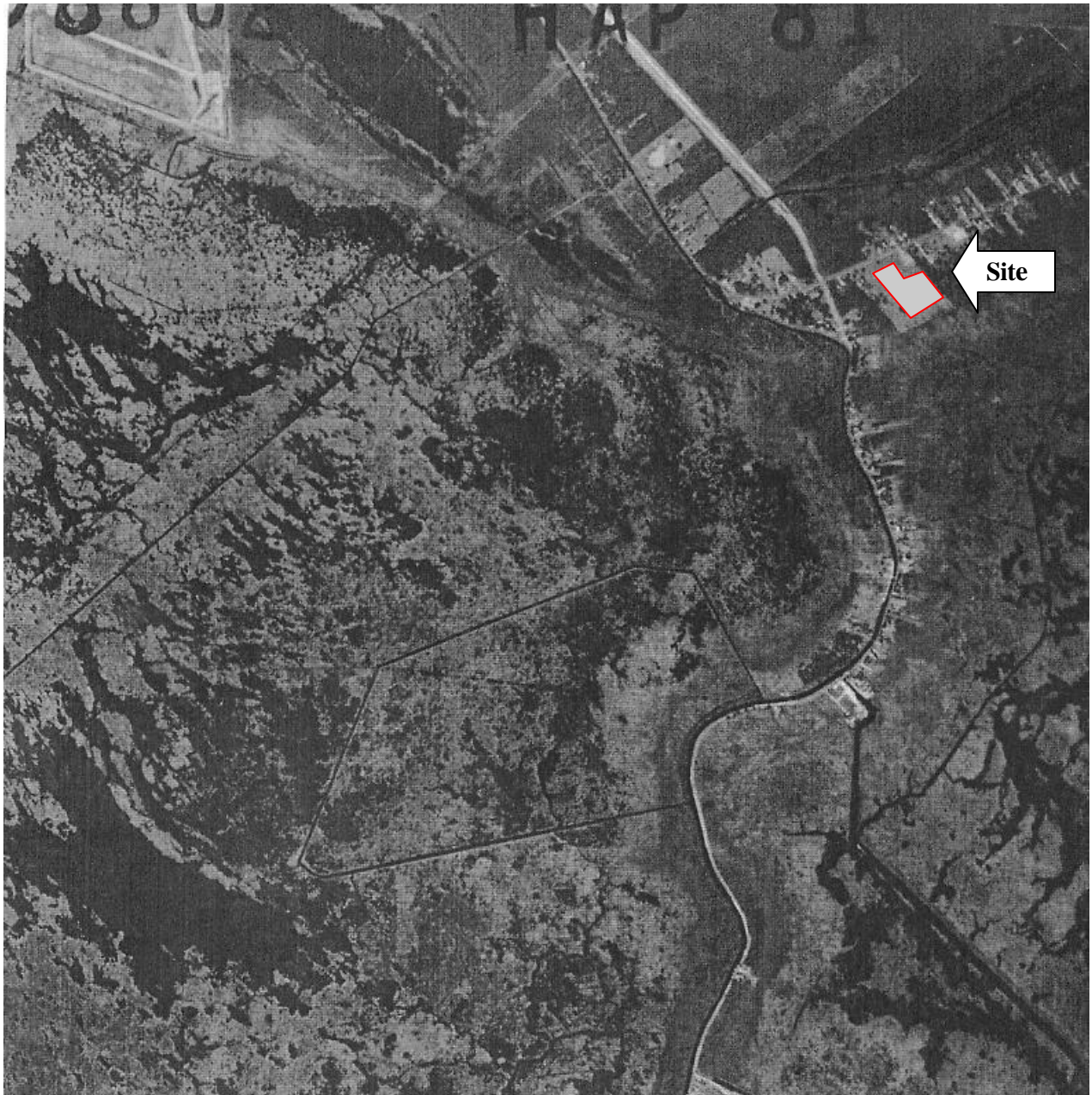
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APPENDIX E
AERIAL PHOTOGRAPHS

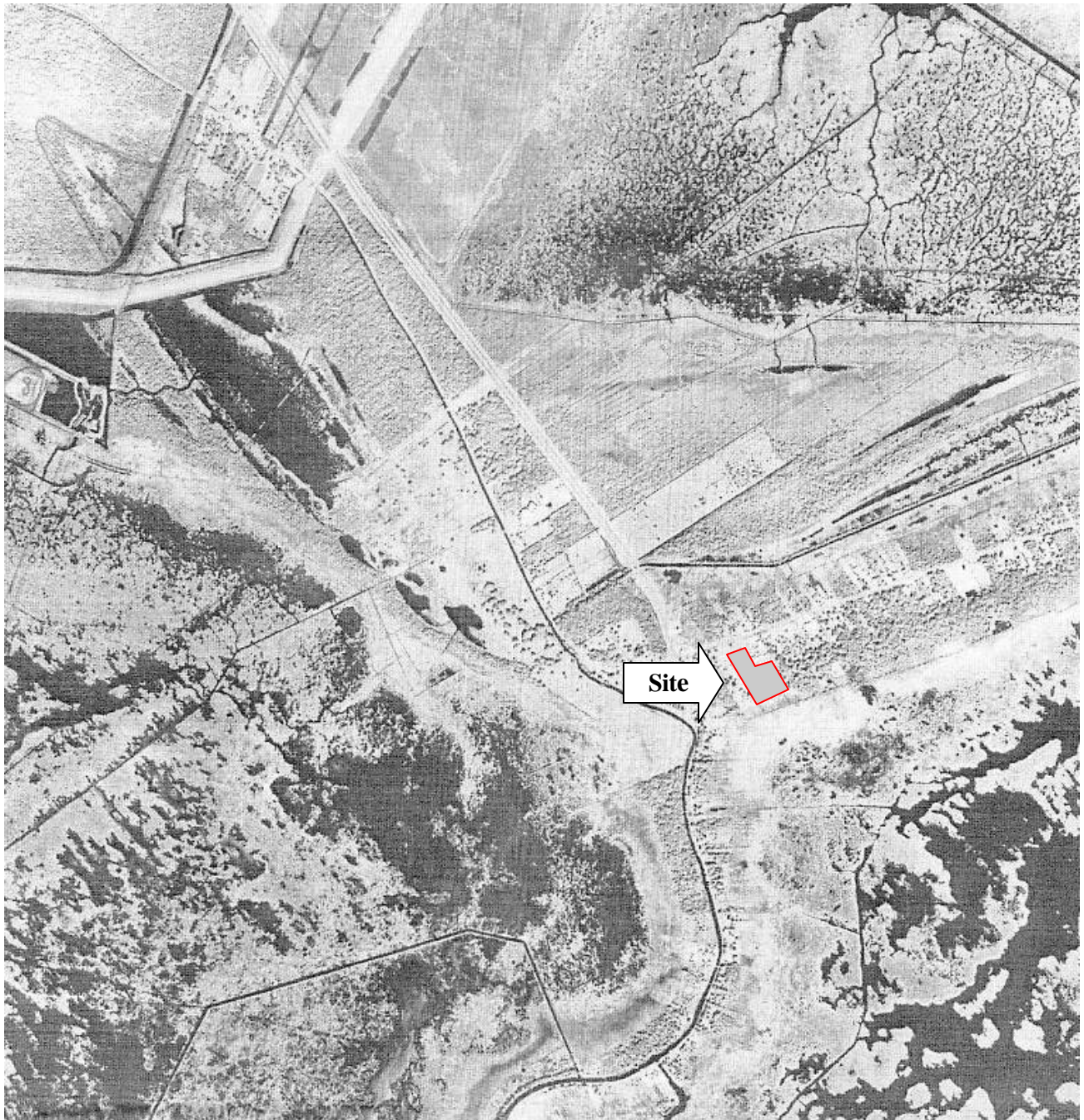
AERIAL PHOTOGRAPH 1967



AERIAL PHOTOGRAPH 1983



AERIAL PHOTOGRAPH 1985



AERIAL PHOTOGRAPH 1994



AERIAL PHOTOGRAPH 1998



AERIAL PHOTOGRAPH 2001



AERIAL PHOTOGRAPH 2005



APPENDIX F
INTERVIEW DOCUMENTATION

**LIST OF CONTACTS INTERVIEWED
PHASE I ENVIRONMENTAL SITE ASSESSMENT**

<u>Name</u>	<u>Title</u>	<u>Affiliation</u>	<u>Topics Discussed</u>
Mr. Cary Delegos	Representative of the subject site owner	Private	Historical use of the subject site
Chief Leon Lea	Chief	St. Bernard Parish Fire Department	HAZMAT-related responses to the subject site and surrounding properties

APPENDIX G

REFERENCES

REFERENCES

Mr. Cary Delegos, phone interview, October 17, 2006.

Chief Leon Lea, phone interview, October 5, 2006.

Environmental Data Resources (EDR) regulatory database report, October 2006.

USGS Topographic Map of “Delacroix, Louisiana”, dated 1994.

US Department of Agriculture Soil Conservation Service, St. Bernard Parish Soil Survey, dated 1989.

APPENDIX H

QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

Staff Engineer

Ms. Rattanaxy has over three years of experience in the environmental industry. She has assisted in field sampling and preparation of water and waste samples for testing, reviewing and validating test results, prepared formal reports of test results for clients. She has also maintained filing systems of sample results and inventory of soil testing equipment, insures that equipment is routinely calibrated and assists in laboratory testing of soil and aggregates following ASTM procedures. She also assists project managers with client communication and project scheduling.

Project Experience

Ms. Rattanaxy's projects have included:

- Staff Engineer for numerous throughout Alabama, Mississippi, Louisiana, and Florida. Ms. Rattanaxy was responsible for the planning, field work, and report preparation for sites ranging from raw land to complex commercial associated with Phase I Environmental Assessments.
- Staff Engineer for Hope VI Mobile Housing Project, Mobile, Alabama - assisted a senior project engineer with a comprehensive asbestos and lead survey of over 200 multi-family homes.
- Staff Engineer for Rosewood Subdivision Project; Pensacola, Florida - assisted a senior project engineer with a comprehensive asbestos survey of over 100 single-family homes.
- Scientist Technician assisted in the planning, field work, and report preparations associated with groundwater and/or soil sampling activities on military bases in Georgia, such as Fort Benning, Fort McPherson, and Camp Merrill, while complying to state specific guidelines.

Academic Background

B.S., Chemical Engineering, Georgia Institute of Technology, 2004

Professional Registration

EPA AHERA Asbestos Inspector, 2005

40-hour OSHA Hazardous Waste Operations and Emergency Response Training, University of South Alabama

Senior Project Geologist

Ms. Kruchell has over ten years of experience in the performance and management of assessment and remediation projects involving a wide range of contaminants including, but not limited to, petroleum, lead, arsenic, chlorinated solvents, and coal tar. She has conducted and managed numerous indoor air quality studies, environmental site assessments (ESA), large-scale asbestos survey and abatement projects, and noise surveys for private, state and federal clients. With regard to experience with petroleum products, Ms. Kruchell has been working in the State of Florida as an environmental consultant under the state's Preapproval Program since its inception in 1996. In addition, she has been responsible for managing contaminated sites under Florida's State Cleanup contract, and also has two years of experience as a state regulator with a privatized team for the Florida Department of Environmental Protection (FDEP). Throughout her career, Ms. Kruchell has also conducted technical assessments in compliance with regulations set forth under the State of Mississippi and State of Louisiana Departments of Environmental Quality (MDEQ & LDEQ), the State of Georgia Environmental Protection Division (GEPD), and the regulations and programs instituted by the Environmental Protection Agency (EPA). Ms. Kruchell is a licensed Professional Geologist through the State of Florida via the Association of State Boards of Geology (ASBOG) examination, and a licensed Professional Geologist through the State of Alabama via reciprocity. She also expects to obtain reciprocity licensure from the Mississippi and Georgia P.G. Boards in the coming months.

Project Experience

- Senior Project Geologist – Lead Professional Geologist for Aerostar in Mobile, AL – Responsible for all FDEP State Cleanup contract and Preapproval Program petroleum-related assessment and remediation projects across the Florida panhandle area; responsible for senior review and QA/QC of Phase I & II ESA reports and ACM survey reports; report directly to V.P. of Mobile Operations. Responsibilities also include business development and management of the Petroleum Group for Mobile.
 - Project Manager, Senior Geologist, New Orleans, LA – Senior staff member responsible for project management related to Phase I & II ESAs, Asbestos and Lead-Based Paint Surveys, and Risk Evaluation/Corrective Action Plan (RECAP) projects in Louisiana. Responsible for ongoing client and state contact pertaining to projects. Responsibilities included estimating, proposal preparation, scheduling, field personnel supervision, data review and report preparation.
 - Project Manager – Lead Professional Geologist, Tallahassee, FL – Responsible for all aspects of contract negotiations and project execution. Responsibilities included estimating, proposal negotiations, scheduling, field personnel supervision, data review and report preparation. Additional responsibilities included division-wide (3 offices) professional document review and seal as well as responsibility for project financial outcome. Responsible for ongoing client and state contact pertaining to projects. Successfully resolved client and state concerns on a wide range of environmental projects in various phases including assessment and
-

CARRIE KRUCHELL, P.G.

remedial design including the single largest hazardous waste cleanup project under the Florida Preapproval Program.

- Staff Geologist/Site Manager; Florida Department of Environmental Protection (FDEP)-Petroleum Cleanup Section 5- Responsible for all aspects of regulatory review and approval for services related to petroleum investigation and cleanup, in accordance with Chapter 62-770, Florida Administrative Code. Responsibilities continued with oversight of project execution and review of deliverable documentation including, but not limited to, assessment, remedial design, construction, operation and maintenance, and site closure interaction with Operations Division for private client marketing, compliance services, UST abandonment, and tank closure assessments. Participated in rule-making process for F.A.C. 62-770, 62-761 and membership in the Contaminated Soils Forum. Participated in proposal writing and management of the statewide “Tracer Tight Pilot Project” to study the effectiveness of this methodology to see if current UST compliance standards need to become more stringent. The pilot project includes approximately 50 UST sites across Florida, on behalf of FDEP.
 - Project Manager, Jacksonville, FL – Corporate Manager, for FDEP Preapproval Program; Responsibilities for all aspects of assessment and remediation of petroleum-contaminated sites in various stages of cleanup. Reported directly to the City of Jacksonville Regulatory & Environmental Services Department (RESO) and to WRS Petroleum Cleanup Section 5. Also worked on arsenic-contaminated soil site assessment and remediation plans for a private client in South Florida.
 - Co-Manager, City of Jacksonville’s Regulatory and Environmental Services Department/FDEP (Duval County) Contract for Assessment and Remediation of Petroleum Contaminated Sites – Marketed and was awarded the bi-annual contract, and co-managed all aspects of the contract for the Jacksonville office. Maintained excellent client relationship and client satisfaction for all technically-related work performed.
 - Project Manager; Phase I & II Environmental Site Assessments (ESAs) and Closure Assessment, J.R. Pope & Smith Hulsey & Busey – Responsible for all aspects of the file reviews, research, invasive subsurface investigations utilizing direct push technology and field gas chromatography screening at an undisclosed location. Work was performed prior to a possible real estate transaction between the interested parties and the City of Jacksonville.
 - Task Manager; Phase I ESAs, Wal-Mart Stores, Inc. – Responsible for all aspects of the file reviews, research and report generation.
 - Project Manager; Indoor Air Quality Study, America Online (AOL) – Scope of work included the performance of onsite visits, interviews, air sampling, and the preparation of an indoor air quality report of findings at AOL’s customer service center in response to an employee complaint. The study was performed over a three-day period.
-

CARRIE KRUCHELL, P.G.

- Project Manager; Joint Venture: ECT & TECO; Naval Air Station Jacksonville (NAS-JAX) – Responsible for management and oversight of the base-wide aboveground steam piping renovation project which included asbestos surveying, sampling and removal activities.
 - Project Manager; Phase I & Limited Phase II ESAs, Main Recycling Company, Inc. – Responsible for all research data acquisition and report generation prior to an impending real estate transaction. Issues including “imminent domain” relocation costs pertaining to environmental assessment and remediation were addressed.
 - Project Manager; Source Removal Activities, Abshire & Hoffman Preapproval Site – Marketed and won the CDF for all future work at the site. Responsible for the overall project management of the assessment and eventual remediation of the petroleum-contaminated site. Remediation consisted of the excavation of approximately 2,700 tons of contaminated soil, and backfilling of clean sand. ORC™ injection was utilized to enhance natural attenuation. The site was awarded a No Further Action and Site Rehabilitation Completion Order in 2004.
 - Project Manager; Closure Assessment, North Florida Web Press – Tank closure assessment activities were performed prior to a real estate transaction.
 - Project Manager; Phase I & Limited Phase II ESAs, G.E. Capital Small Business Administration – Services provided to G.E. Capital on behalf of various clients pursuant to bank financing.
 - Project Manager; Initial Site Assessments, FDEP Preapproval Program – Responsibilities included all aspects of contamination assessments and investigations.
 - Project Manager; Monitoring Only, United States Postal Service (USPS) – Responsibilities included all aspects of contamination assessments and investigations.
 - Project Manager; Phase I & II ESAs: Barnett Bank, Foley & Lardner, Stokes & Company Builders and Developers, Don Olson Tire & Auto Centers, Riverside Presbyterian Day School – Responsibilities included site visits, owner and operator interviews, waste management records reviews, etc., for various clients in FL and GA.
 - Task Manager; Colonial Oil Remedial System Construction & Well Installation Oversight, Jacksonville, FL – Responsible for the oversight of activities at this leaking underground storage tank (LUST) site in Jacksonville, Florida.
 - Project Manager; ASTM Transaction Screen Assessment, Festival Drycleaners- Responsibilities included site visit, operator interview, and waste management records review of a dry cleaning facility in Duval County, Florida.
 - Task Manager; Indoor Air Quality and Drinking Water Assessment, Shands Hospital- Responsible for sample collection, preservation and organizational tasks associated with the field effort at University Medical Center in Jacksonville, Florida.
-

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- Project Geologist; Bioassay Sampling, FDEP- Yearly sampling activities at LUST site in Duval County, Florida, to satisfy NPDES permit requirements.
 - Project Manager; Soil and Groundwater Assessments, FDEP- Research, field duties, reporting for preliminary contamination assessment for an EDI facility in Clay County, Florida.
 - Project Geologist; NPDES Permit Compliance, FDEP- Responsible for all data compilation, reporting, and oversight of sampling procedures at a remediation site in Jacksonville, Florida for compliance under permit.
 - Task Manager; M & W Auto Remedial System Construction and startup, RESD- Responsible for the oversight of remedial system construction for a leaking underground storage tank (LUST) site in Jacksonville, Florida.
 - Project Geologist; Phase II ESA, Army National Guard- Responsible for oversight of lead-contaminated soil removal, transport and disposal procedures at a facility in Jacksonville, Florida.
 - Project Geologist; Soil Assessment, Ryder Trucking Facility- Conducted comprehensive surface and subsurface soil assessment data in compliance with Chapter 62-700.600(2)(a), Florida Administrative Code (F.A.C.), during the excavation and removal of underground piping systems at a facility in Jacksonville, Florida.
 - Project Geologist; Monitoring Well Abandonment, FDEP- Responsible for the supervision of subcontractors and oversight during well abandonment procedures. Compliance standards were adhered to the based on St. John's River Water Management District's Chapter 40C-3, F.A.C. A letter report followed.
 - Task Manager; Phase I ESAs, TECO Energy, Inc.- Responsible for several ESAs in the Jacksonville area associated with the statewide acquisition of People's Gas by TECO Energy, Inc.
 - Task Manager; Noise Survey, First Union Nation Bank- Conducted a noise survey at a bank in Jacksonville, Florida for comparison with OSHA guidelines of permissible noise exposure. Survey was requested due to employee complaints.
 - Project Geologist; Operation & Maintenance (O&M) of Remediation Sites, FDEP- Responsible for conducting O&M activities in Duval County and Clay County sites including sample collection, equipment repair and report generation.
 - Project Geologist; UST Removal, USPS- Responsible for overseeing the removal of underground storage tanks and the preparation of closure for five USPS stations in Duval County, Florida.
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CARRIE KRUCHELL, P.G.

- Task Manager; Material Safety Data Sheet (MSDS) Reviews, Tampa Electric Company- Responsible for reviewing MSDSs to ensure compliance according to RCRA and CERCLA guidelines for storage, accidental leaks and disposal. Recommendations on whether or not to use each project were based on environmental concerns and/or hazards.
- Project Geologist; Hydrogeological Investigation Southwest Florida Water Management District/ university of South Florida Joint Project- Responsible for the collection of subsurface data used to map the fresh-water/saltwater interface via geophysical conductivity/resistivity equipment. Data was collect for a baseline study of saltwater encroachment along Hernando County coastline.
- Technical Assistant; Well Log Analysis, Amoco Production Company- Responsibilities included well log inventory maintenance and well log data input via communications from drillers in the field at facilities in New Orleans, Louisiana.
- Technical Assistant; Various Duties, Chevron U.S.A- Responsible for geological map preparation, seismic profile interpretation and optimal well placement for prospective drilling sites, New Orleans.

Academic Background

Bachelor of Science in Geology, University of South Florida

Professional Registrations

State of Florida Professional Geologist License No. PG 2289

State of Alabama Professional Geologist License No. 1163

Professional Training

Groundwater Pollution and Hydrology Course, Princeton Groundwater

Asbestos Inspector Accreditation, Florida State University

Asbestos Inspector Refresher Course, Florida State University

Lead-Abatement Course for Supervisors/Contractors, Florida State University

RCRA Compliance Training Course for Fiber-Reinforced Plastic Manufacturing Industry, Florida State University/FDEP

40-hour OSHA Hazardous Waste Operations and Emergency Response Training, University of North Florida

8-hour OSHA Supervisor Health and Safety Training Refresher Courses
